FINAL COMPLETION REPORT

PCB Remediation

MIT W85 Westgate Housing Complex

WOODARD &CURRAN

1.866.702.6371
35 New England Business Center
Andover, MA

210725
Massachusetts Institute of Technology,
Cambridge, MA
March 2010

TABLE OF CONTENTS

LIST OF TABLES

LIST OF FIGURES

APPENDICES

EXECUTIVE SUMMARY

This Report documents the polychlorinated biphenyl (PCB) remediation activities conducted at the W85 Westgate Housing Complex located at the Massachusetts Institute of Technology (MIT) in Cambridge, Massachusetts between July 2008 and October 2009.

In the spring of 2006, MIT became aware of the potential presence of PCBs in exterior building caulking and soils. Subsequent characterization sampling confirmed the presence of PCBs in certain building caulking originally manufactured with PCBs (average concentration of 215,000 parts per million [ppm]), adjacent concrete and brick building material surfaces (some samples ≥ 50 ppm), and adjacent soils.

Pilot testing of different remedial technologies and methods was conducted to aid in selecting a remedial technology for each of the PCB-impacted media at the site, including vertical concrete and brick surfaces, horizontal concrete surfaces, and adjacent ground surfaces. Following plan submittals and discussions with the U. S. Environmental Protection Agency (EPA), the remediation methods implemented on-site included:

- Removal and off-site disposal of caulking from all exterior joints, including metal to metal, metal to masonry, and masonry to masonry joints;
- Surface decontamination of metal surfaces (window/door frames) formerly in direct contact with caulking;
- On-site encapsulation of vertical masonry surfaces with PCBs > 1 ppm:
    - Encapsulation of vertical concrete surfaces with two coats of contrasting-colored epoxy;
    - Encapsulation of vertical brick surfaces with at least one coat of epoxy followed by a metal panel outer barrier;
- Decontamination followed by on-site encapsulation of horizontal masonry surfaces (balconies) with PCBs > 1 ppm:
    - Decontamination of select balconies using a commercially available PCB extracting process;
    - Encapsulation of select balconies either with two coats of contrasting-colored epoxy or two coats of an acrylic coating;
- Excavation and off-site disposal of site soils with PCBs > 1 ppm; and
- Building and site restoration.

All remediation work performed on-site was conducted in accordance with a risk-based cleanup and disposal approval granted by EPA under 40 CFR 761.61(c), 761.62, and 761.79(h) as well as subsequent workplans, modifications, and approvals as described herein.

As shown by the results of the removal activities and verification data, the remediation work conducted met the conditions of the approvals. The combination of remedial techniques applied at the Site was successful in eliminating the former exposure pathway, thereby mitigating both the potential for PCB transfer via direct contact and the potential for remaining materials to act as an ongoing source to other media. The remediation work conducted is intended to serve as a long-term interim solution, and implementation of the Long-Term Monitoring and Maintenance Implementation Plan will ensure that the containment technologies continue to perform as designed. All media containing residual concentrations of PCBs will be managed and properly disposed of at the time of building demolition/renovation.

1. INTRODUCTION

This Final Completion Report has been prepared by Woodard & Curran (W&C) on behalf of the Massachusetts Institute of Technology (MIT) to comply with the requirements set forth in the U. S. Environmental Protection Agency's (EPA) May 15, 2008 Risk-Based Cleanup and Disposal Approval granted under 40 CFR 761.61(c), 761.62, and 761.79(h) (the Approval), as subsequently modified by EPA. This Approval is provided as Appendix A to this Report. This Report documents activities conducted at the W85 Westgate Housing Complex (the Site), which is located at 540 Memorial Drive on the MIT campus in Cambridge, Massachusetts.

1.1 SITE DESCRIPTION

The W85 Westgate Housing Complex was constructed in 1962 and includes four low-rise buildings (referred to as ABC; DE; FG; and HJK; 3-stories each with a total of 60 units) located at 540 Memorial Drive on the MIT campus in Cambridge, Massachusetts. The buildings are currently used for MIT graduate student family housing. The housing units surround a playground area and are bordered to the north by Vassar Street; to the east by Amherst Alley; to the south by Memorial Drive; and to the west by Audrey Street. A Site Locus map is provided as Figure 1.1A.

Surrounding ground surfaces are generally flat in elevation and are either covered with asphalt pavement and concrete; landscaped areas (grass, wood chips, or shrubs/plant beds); or wood chips associated with the playground areas. A Site Plan is provided as Figure 1.1B. A photograph of the typical building construction (ABC building - west side) is shown below.

1.2 SITE BACKGROUND

Certain joint caulking used as part of standard construction practices for masonry buildings and concrete structures erected between the 1950's and late 1970's is known to have been manufactured with PCBs. PCBs were added to caulking for durability, resistance to degradation, and as a softener/plasticizer for application. The Westgate W85 Housing Complex was constructed during the 1960's, when this type of caulking was used. Due to the porous nature of concrete and other masonry surfaces, PCBs in caulking may penetrate into adjacent building materials during application or over time, may leach and/or weather, and/or may be disturbed during renovations or other building work.

In the spring of 2006, MIT became aware of the potential presence of PCBs in exterior building caulking and soil at one of the W85 Westgate buildings through unverifiable analytical data collected by an individual not affiliated with MIT. Based on these data, MIT collected confirmatory building caulking and soil samples in 2006 following proper sample collection, analytical, and reporting procedures. These data indicated the presence of PCBs in certain building caulking originally manufactured with PCBs (average concentration of 215,000 parts per million [ppm]), adjacent soils (maximum concentration of 9.8 ppm), and adjacent concrete and brick building material surfaces (some samples ≥ 50 ppm).

Upon confirming the initial results (soil and building caulking), additional characterization sampling and pilot testing of different remedial technologies/methods were conducted in PCB-affected areas to determine the nature and extent of PCBs in adjacent media and to aid in selecting a remedial technology(s). Samples of soil, asphalt, concrete, brick, and mortar were collected from Building W85 ABC and analyzed for PCBs.

The characterization results of remaining original PCB-containing caulk in the W85 low-rise buildings indicated that PCBs were present in this caulk at concentrations ranging from 10,400 to 256,000 ppm (average = 215,000 ppm, excluding the lowest level). All results were reported as Aroclor 1254. Additionally, PCBs were detected in various types of building materials adjacent to caulking in the other low-rise buildings, such as brick, mortar, and concrete, as well as in soil adjacent to the buildings. Based on these data and early in the program, soils adjacent to the building (those with higher PCB concentrations) were covered with a geofabric and layer of mulch to eliminate potential direct contact exposures to these materials.

1.3 SUBMITTALS AND PROJECT TIMELINE

The following list provides a summary of the major activities conducted and document submittals prepared as part of the remediation activities. It should be noted that characterization sampling was conducted throughout the program in support of these submittals.

- Release Notification Form (RNF) submittal to the Massachusetts Department of Environmental Protection (MassDEP); Release Tracking Number (RTN) 3-26189 assigned – August 30, 2006;
- PCB Remediation Pilot Test – July 2007;
- Tier Classification Submittal to MassDEP – August 29, 2007;
- Self-Implementing On-Site Cleanup and Disposal Plan, Decontamination Plan, and Risk-Based Disposal Approach submittals – Building ABC – October 2, 2007;
- Limited Alternative Decontamination Approval by EPA – November 2, 2007;
- Full Scale Pilot Test activities conducted – November/December 2007;

- Full-Scale Pilot Test Report and Revised PCB Remediation Plan submittal – February 27, 2008
- Risk-Based Cleanup and Disposal Approval under 40 CFR 761.61(c), 761.62, and 761.79(h) – May 15, 2008 (Appendix A);
- Start-up notice and certifications submitted to EPA pursuant to Conditions 9 and 11 of the Approval (see Appendix A) – June 26, 2008;
- Release Abatement Measure (RAM) Plan submitted to MassDEP pursuant to the Massachusetts Contingency Plan (MCP; 310 CMR 40.0000), Cooperstown Environmental, LLC – October 30, 2008;
- Full scale implementation – July 2008 through October 2009.
- Class A2 Response Action Outcome (RAO) Statement submitted to MassDEP pursuant to 310 CMR 40.1000 (Cooperstown Environmental, LLC) – September 4, 2009.

Several of the submittals listed above are components of the Application[1] which ultimately resulted in EPA's May 15, 2008 Approval of the work. In accordance with conditions of the Approval, additional submittals and/or documents required to conduct the activities included the following:

- An Initial Sampling Plan for Encapsulated Surfaces was submitted to EPA on July 2, 2008 in accordance with Remedial and Disposal Condition 12(b)(ii)(1) of the May 15, 2008 Approval. After review of EPA comments, a Revised Initial Sampling Plan was submitted on July 7, 2008, and was approved by EPA (via email) on July 16, 2008 (see Section 5.1).
- An Interior Cleaning and Verification Plan was submitted to EPA on July 10, 2008 in accordance with the Inspection, Monitoring, Modification and Revocation Condition 19(b) of the Approval. Based on EPA comments, a revised plan was submitted on November 21, 2008 and approved by EPA on December 4, 2008 (see Section 2.7.2).
- A Long-Term Monitoring and Maintenance Implementation Plan (MMIP) was submitted to EPA on July 10, 2008 in accordance with Inspection, Monitoring, Modification and Revocation Condition 19(a) of the Approval. Communications with EPA regarding details of the MMIP are ongoing, and submittal of the final version of the MMIP is pending as of the date of this report (see Section 5.2).
- A modification notification was submitted to EPA on September 2, 2008 in accordance with Inspection, Monitoring, Modification and Revocation Condition 20 of the Approval. The modification was written to request adding a metal panel system over the encapsulated brick surfaces. The modification was approved by EPA via email on September 15, 2008 (see Section 2.3.4).
- A Revised Soil Characterization, Remediation, and Verification Plan (the "Soil Workplan") was submitted to EPA on September 29, 2008 in accordance with Remedial and Disposal Condition 12(d)(i) of the May 15, 2008 Approval. After review of EPA comments, a revised plan was submitted on October 23, 2008, and was approved by EPA (via email) on November 5, 2008 (see Section 2.5).

[1] The Application consists of documents submitted by Woodard & Curran to EPA on behalf of MIT, including the Self-Implementing On-Site Cleanup and Disposal Plan, Decontamination Plan, and Risk-Based Disposal Approach (October 2, 2007); emails dated October 19, 2007 and October 30, 2007; the Full Scale Pilot Test Report and Revised PCB Remediation Plan (February 27, 2008); and emails dated May 9, 2008 and May 12, 2008.

- A modification request for the remediation of horizontal concrete surfaces (balconies) was submitted to EPA on January 29, 2009 with additional information dated August 6, 2009 and August 24, 2009 in accordance with Approval Condition 20. The request was written to alter the remediation approach for 24 balconies with PCBs > 1 and ≤ 5 ppm (see Section 2.4). The modification was approved by EPA on August 26, 2009.

1.4 PROJECT TEAM

The remediation project team consisted of the following parties:

- MIT - Owner
- Triumvirate Environmental, Inc. (TEI) – General Remediation Contractor (vertical surfaces encapsulation, soil excavation, off-site disposal, and overall activities)
- DecTam Corporation – Subcontractor to TEI (caulking removal and asbestos abatement)
- John Perriera Painting Co. – Subcontractor to MIT (balcony encapsulation)
- Woodard & Curran – Environmental consultant (engineer/inspector for remediation)
- Cooperstown Environmental, LLC – Environmental consultant (MCP services and resident liaison)

1.5 REPORT OBJECTIVES

This Report provides a description of the PCB remediation activities as they were performed in accordance with the Application, the Approval, and subsequent workplans and approvals as described in Section 1.3 above. This Completion Report, including the draft deed notice, is being submitted to meet the requirements pursuant to Recordkeeping and Reporting Condition 26 of the Approval.

2. REMEDIATION ACTIVITIES AND RESULTS

Full-scale PCB remediation activities were implemented at the Site in accordance with the Approval beginning in July 2008. The remediation consisted of work on the four W85 low-rise buildings and surrounding soils, including:

- Caulking removal and off-site disposal;
- Vertical concrete and brick surface encapsulation;
- Horizontal concrete surface decontamination and select encapsulation;
- Inspection and verification throughout the building remediation activities;
- Soil excavation, off-site disposal, and verification sampling; and
- Site restoration.

Final Site restoration activities were completed in October of 2009.

2.1 SITE PREPARATION AND COMMUNICATIONS

Site preparation commenced the week of July 1, 2008. Throughout the implementation, work areas were established and broken down in a step-wise fashion around the perimeter of each building as each phase of the remediation activities progressed. The following site controls were implemented:

- Additional notifications and plans required for the work activities were prepared and submitted for approval, as needed. These included the asbestos work related submittals for the caulking, the MCP Release Abatement Measure (RAM) Plan for the soils, Site specific Health and Safety Plans, and start-up notices and certifications required by the Approval;
- Fencing was installed surrounding the work areas to prevent access to the active work areas and signage was posted on the fencing and doorways to the buildings;
- Prior to and during work activities, informational sheets were distributed to residents, meetings between MIT personnel and the residents were held, and electronic communications (emails and an activity-specific blog) between MIT and the residents were established to review the upcoming activities, work schedules, and building access restrictions, and to answer questions regarding the work activities. In addition, MIT hired an on-site liaison between MIT and the residents. This liaison answered resident questions, addressed concerns, and was available to communicate project status and upcoming activities;
- Access to the upper level removal areas (second and third floors) was by mechanical lift. The work area on each mechanical lift was covered using polyethylene sheeting to control any blowing dust or debris generated from the removal activities;

Site controls and a mechanical lift enclosed by polyethylene sheeting

- Ground cover (polyethylene sheeting) was placed along the building walls to contain any debris or building materials removed from the exterior walls during the work. At the end of each work day any debris/material collected on the cover was placed in the appropriate waste containers (see Section 2.6);
- Polyethylene sheeting was placed over all windows within the active work areas during the caulking removal activities; and
- Based on the pilot test results, remediation activities were conducted on one side of the building at a time to allow building occupants to use the opposite side doorways for building access and windows for ventilation and temperature control.

2.2 CAULKING REMOVAL ACTIVITIES

Caulking removal from the W85 buildings was conducted to the maximum extent practicable in accordance with Section 3.2 of the Full-Scale Pilot Test Report. An estimated total 14,660 linear feet (l.f.) of caulking was removed from the W85 building joints using a variety of hand tools. A summary of caulking joint types and linear footage estimates per building is included on Table 2.2A.

2.2.1 Site Controls

As part of general site controls and removal requirements, polyethylene sheeting was used to cover the mechanical lifts to control dust and debris generated during removal activities. Windows within the active work areas were covered with polyethylene sheeting and taped until a final inspection was performed to confirm removal of the caulking.

2.2.2 Metal Window Joints

Based on visual inspection of the metal window joints and analytical data collected after caulking removal, the results of the full-scale pilot test indicated that effective removal of PCB caulking material could be achieved through physical removal of all visible caulking followed by wire brushing of all joints to a bare metal appearance and cleaning of the metal surfaces with a citrus based cleaner. Utilizing hand tools for removal of caulking material also resulted in the least amount of disturbance to the residents and the least amount of physical damage to the window units, thereby eliminating the need for restoration or replacement of the window frames following remediation activities.

As part of the full-scale implementation remedial activities, approximately 12,975 l.f. of caulking was removed from the W85 low-rise metal window joints and door joints (refer to Table 2.2A). After the caulking was removed, a citrus based cleaner was used to remove visible residual caulking materials.

At the beginning of field implementation, concerns over potential damage to the metal window frames due to the use of metal brushes were expressed by MIT housing personnel. On July 16, 2008, at the request of MIT, a small-scale "pilot test" was conducted to determine if the clean up level of ≤ 10 µg/100 cm^2 could be achieved without the removal of the surface paint (achieving a bare metal finish). The test was conducted on the street side of the K5 unit. The caulking from all K5 metal joints was removed using the procedures detailed above without the use of wire brushes and each joint was cleaned using a citrus based cleaner. Following cleaning, three wipe samples were collected from randomly selected locations. Analytical results from two of the three wipe samples were below the clean up level (12.0, 6.2, and 7.1 µg/100 cm^2) indicating that effective removal of PCBs could be achieved without removal of the window frame paint (to be determined by verification testing). Based on these results, the procedure for caulking removal from metal joints was modified to no longer include the achievement of a bare metal surface along the joint.

2.2.3 Masonry Joints

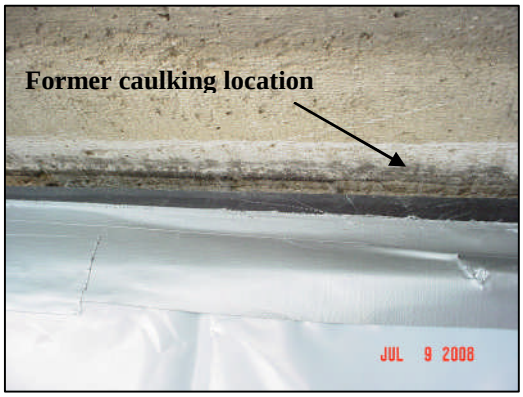
As part of the full-scale implementation remedial activities, approximately 1,685 l.f. of caulking was removed from the W85 low-rise masonry joints (refer to Table 2.2A). The total amount of caulking removed represents the original scope of removal, as detailed in the Full-Scale Pilot Test Report, plus an additional approximate 783 l.f. of caulking identified during a pre-work site walk on June 27, 2008. The additional caulking was observed on the street and courtyard sides along the brick weep lines of the HJK and FG buildings. Further inspection showed that the caulking was not present on the ABC or DE buildings. The observed caulking was white in appearance and dissimilar to other caulking materials known to require removal. One sample of the newly observed caulking from each building was collected on June 30, 2008 to determine if PCBs were present. Analytical results indicated that PCBs were present in the two caulking samples at concentrations of 16.0 and 19.5 ppm. Based on the conditions of the Approval and the analytical results, the weep line caulking material was included in the remediation activities.

Caulking from masonry joints was removed using hand tools (scrapers, wire brushes, etc.) to minimize disruption to the residents. In some areas, a citrus based cleaner was used to assist in caulking removal. Caulking was removed from all masonry joints to the maximum extent practicable.

2.2.4 Inspection and Verification

Confirmation of caulking removal was conducted using both visual inspection and laboratory analysis. Once all caulking was removed, a visual inspection of each joint was conducted. Joints that failed the visual inspection were designated for additional caulking removal and re-inspected upon completion. This process was repeated until all caulking was removed to the maximum extent practicable.

For metal to metal window and door joints, following visual inspection, verification wipe samples were collected at a frequency of one sample per window unit (approximately one wipe sample for every 50 l.f. of caulking removed). The location of each wipe sample was randomly selected as follows:



- At each unit, the metal to metal joints were assigned a number based on the total number of joints present. The joint from which the wipe sample was collected was then randomly selected using a random number generator program.
- The center of each wipe sample was randomly selected based on the total length of the individual joint using a random number generator program.

Wipe samples were collected in accordance with the standard wipe test method as described in 40 CFR 761.123. At each sample location, a 2-inch square gauze pad, saturated with hexane, was wiped across the 100 square centimeter template area. In order to obtain a wipe sample over the required 100 cm^2 area, each wipe sample was collected along the joint for a distance of 32 inches based on an original caulking width of one-half inch. All samples were transported to the laboratory under standard Chain of Custody procedures, extracted using USEPA Method 3540C (Soxhlet extraction), and analyzed for PCBs using USEPA Method 8082. The locations of wipe samples are depicted on Figures 2.2A through 2.2D.

Analytical results from the wipe samples were evaluated to determine whether or not caulking removal was complete as follows:

- Analytical results ≤10 µg/100 cm^2 – caulking removal complete
- Analytical results >10 µg/100 cm^2 – additional cleaning of metal frames performed

The results from each metal wipe sample were applied to the entire window unit from which it was collected. In those instances in which analytical results indicated that additional cleaning was to be performed (analytical results >10 µg/100 cm^2), all joints within the specific window unit were re-cleaned. This occurred in 57 of 124 initial wipe samples. Wipe samples were then collected from locations co-located with the original wipe sample. This process was repeated as necessary until all results indicated that the concentrations of PCBs were ≤ 10 µg/100 cm^2. At the completion of this task, a minimum of one final verification wipe sample had been collected from each window frame, with an average PCB concentration of 2.7 µg/100 cm^2 reported in the final verification samples. The complete laboratory analytical reports for the wipe samples collected are provided in Appendix B of this report. A summary of analytical results is provided in Table 2.2B.

In support of the long-term monitoring activities to be conducted at the Site, baseline bulk concrete samples were collected following caulking removal and prior to surface encapsulation as described in Section 2.3.2 of this report.

2.2.5 Air Monitoring

Air monitoring stations were established in accordance with the air monitoring plan. Stations were established within the support work zone (SWZ) surrounding the individual work areas to monitor for particulate dust levels. A background location was selected approximately 80 feet to the south of W85 HJK building. Air monitoring for dust levels was conducted over a 30-second time interval using a DustTrak Model 8520 aerosol particulate monitor with a detection limit of 0.001 milligrams per cubic meter (mg/m^3).

Air monitoring was conducted on an hourly basis at each of the monitoring locations during all active caulking removal activities. Dust concentrations observed were typically at or below background levels. During dust monitoring activities it was observed that the recorded dust levels varied with atmospheric conditions, increasing during rain events. The observed increase occurred in samples collected from all monitoring points including the background location. In addition, it was observed that monitoring results along Vassar Street were at times affected by street construction activities adjacent to the project work area. A copy of the air monitoring logs and a figure depicting the air monitoring locations are provided in Appendix C.

2.3 VERTICAL CONCRETE AND BRICK SURFACES

Following caulking removal and inspections as described in Section 2.2, vertical masonry surfaces (concrete and brick) were encapsulated using a combination of a moisture-tolerant epoxy resin and the installation of metal panels (over bricks only) as per Section 3.2 of the Full Scale Pilot Test Report and Revised PCB Remediation Plan to eliminate the direct exposure and leaching pathways. Vertical surfaces encapsulated are depicted on Figure 2.3A through 2.3C. Details of the encapsulation are provided below.

2.3.1 Site Controls

Fencing utilized throughout the full scale implementation project was maintained during the encapsulation activities. Surfaces adjacent to those designated for epoxy encapsulation were taped and/or covered with polyethylene sheeting to control drips, runs, or overspray. Respirators were worn by all workers applying the epoxy. In addition, residents were requested to shut all windows while active epoxy application was taking place.

2.3.2 Baseline Concrete Sampling

As part of the overall project activities, baseline sampling of vertical surfaces subject to encapsulation was conducted in accordance with the Revised Initial Sampling Plan submitted on July 7, 2008 to the EPA (see Section 1.3). The objective of the initial baseline concrete sample collection was to document the baseline (existing) PCB concentrations that remained beneath the encapsulant at representative locations.

After removal of PCB-containing caulking was complete and prior to encapsulation, bulk concrete samples were collected between July and September 2008 from each of the three vertical concrete surfaces on the respective buildings, including:

- Concrete joints (non-windows): 1 vertical joint per building side;
- Concrete window and door joints: 3 horizontal joints per building side; and
- Concrete surfaces not in direct contact with caulking: 1 surface per building side.

A total of 44 baseline concrete samples were collected from the buildings. The locations of each sample were randomly selected using a random number generator by first selecting the unit for sample collection. Next, the specific joint or surface was selected by assigning each a number. Finally, the exact location was selected based on the overall dimensions of the joint or surface. Baseline concrete samples were collected from 0-0.5 inches into the concrete in accordance with EPA's Draft Standard Operating Procedure for Sampling Concrete in the Field – December 1997. Concrete samples were transported to the laboratory under standard Chain of Custody procedures, extracted using USEPA Method 3540C (Soxhlet extraction), and analyzed for PCBs using USEPA Method 8082.

Analytical results from the baseline sampling event indicated that samples of the concrete in direct contact with the caulking contained PCBs at concentrations ranging from 1,240 to 5,400 ppm (average of 2,255 ppm) in the non-window concrete joint samples and between 0.5 and 4,640 ppm (average of 1,108 ppm) in the concrete window and door joint samples. PCB concentrations between 0.2 and 145 ppm (average of 34.6 ppm) were detected in the concrete sampled from surfaces not in direct contact with caulking.

A summary of the vertical surface baseline sampling results is presented on Table 2.3A. Figures depicting the initial sample locations are provided as Figures 2.3D though 2.3G.

2.3.3 Surface Preparation

Following caulking removal, concrete and brick surfaces were prepared for encapsulation. All loose dirt and debris was removed and the surfaces were inspected by the subcontractor for cleanliness and dryness prior to applying the epoxy. In any areas of significant concrete pitting, the pits or former sample locations were filled in with concrete patch material prior to epoxy application.

2.3.4 Epoxy Encapsulation

Vertical concrete and brick surfaces were encapsulated using Sikagard 62, a two-component, moisture tolerant, epoxy resin. Epoxy was applied to concrete surfaces of all masonry joints directly beneath the removed caulking materials, to vertical concrete surfaces beneath and adjacent to masonry joints, and to vertical columns at the ends of each building. The epoxy was extended along each of these vertical surfaces to the first 90-degree surface angle away from the impacted joint. Epoxy was also applied to the first two rows of bricks beneath horizontal joints (metal to brick window joints) and one full brick width adjacent to vertical masonry joints (concrete to brick).

Epoxy encapsulant was applied using several methods. Over joints and smaller vertical surfaces the epoxy was applied using paint brushes and rollers. Over large vertical surfaces the epoxy was applied using a spray system, the Voyager Low Pressure Cartridge Spray system, designed for direct application of two part coating systems. Photos of the epoxy application process are provided below.

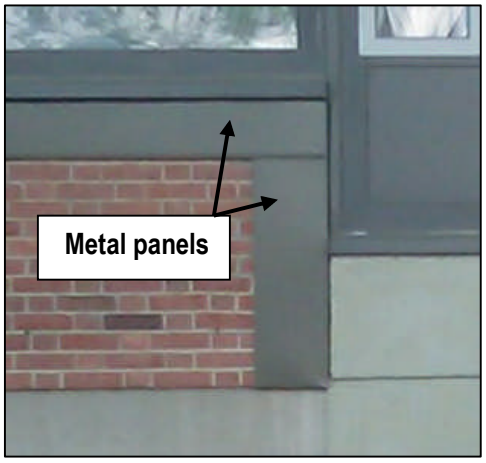
Second coat of epoxy (gray) applied over base coat of epoxy (red)

Final Epoxy Layer on Concrete Surface

Concrete surfaces adjacent to the masonry joints and vertical concrete joints were coated with two layers of epoxy in contrasting colors (red followed by gray). Following the application of the first layer, the second layer was applied within 48 hours to prevent the need for resurfacing of the initial coat. The majority of brick surfaces were encapsulated with one layer of epoxy. During the initial stages of the project, brick surfaces were encapsulated using two contrasting colored layers of epoxy. Due to aesthetic concerns, the approach was shifted to include one layer of epoxy followed by the installation of a metal barrier over the brick surfaces as described below in Section 2.3.5.

2.3.5 Metal Frame Installation

The original Application submittal included plans to encapsulate PCB-impacted brick surfaces with an epoxy coating. However, during implementation of the remedial action, it was decided that due to an aesthetic concern associated with the final appearance of the epoxy on the brick surfaces, an additional barrier (metal panel system) would be installed over the bricks. A modification notification for the change was submitted to EPA on September 2, 2008 and approved as described in Section 1.3.



Brick surfaces requiring encapsulation were covered with a metal panel barrier following the application of the epoxy (either one or two layers of epoxy were applied as described in Section 2.3.3). The metal panels were constructed to act as extensions to the existing metal window frames and installed over the brick surfaces to achieve the required two layers of encapsulation. At each location anchor bolts were secured into the third row of bricks beneath the horizontal joints and the second row of bricks adjacent to vertical joints to eliminate concerns over the drilling into PCB impacted surfaces. An aluminum bracket was then attached to the anchor bolts and the metal panels were installed onto the bracket covering the brick surfaces.

Given the physical construction of this barrier, the route of entry for water to penetrate beneath the barrier and make contact with any underlying bricks was eliminated. The metal panels are securely fastened to the building face, and a lip at the bottom of each metal panel diverts water flow away from the underlying brick. As such, these barriers render the underlying surfaces inaccessible.

2.3.6 Inspection and Verification

Verification of encapsulation was performed through visual inspection of encapsulated surfaces following the surface preparation, each layer of epoxy application, and installation of the metal panels. Following the application of the first epoxy layer, each area was inspected to verify full coverage of the surface was complete. Particular areas of focus included areas known to have significant amounts of pitting and joint locations. Those areas noted to require additional epoxy application were reported and additional epoxy was applied as required. This process was repeated until all surfaces were encapsulated. Upon satisfactory completion of the first epoxy layer the second layer was installed and inspected. Particular attention was given to identify any areas in which the first layer (red epoxy) was visible. Areas noted to require additional epoxy application were identified and additional epoxy applied. This procedure was repeated until full coverage was obtained. Inspection of the metal panels was performed following final attachment to the brackets. Metal panels were inspected to verify that they covered all portions of brick that had been encapsulated with epoxy and that they provided a barrier to prevent direct contact with the underlying epoxy and to prevent rain from directly contacting the epoxy.

2.3.7 Baseline Epoxy Wipe Sampling

As part of the overall project activities, baseline sampling of surfaces subject to encapsulation was conducted in accordance with the Revised Initial Sampling Plan submitted on July 7, 2008 to the EPA (see Section 1.3). The objective of the initial baseline epoxy wipe samples was to evaluate the effectiveness of the encapsulation and establish a baseline for long term monitoring.

Following epoxy application, a total of 52 baseline surface wipe samples were collected from encapsulated vertical surfaces between August and October 2008. This included 8 samples from encapsulated brick surfaces (prior to metal barrier installation), 12 samples from encapsulated vertical concrete surfaces not in direct contact with the former caulking, and 32 samples from encapsulated concrete joints formerly in direct contact with the caulking. The concrete surface wipe samples were collected from the same locations as the baseline concrete samples. Wipe samples were collected following the standard wipe test procedures describe in 40CFR 761.123. At each location a hexane saturated gauze pad was wiped over a 100 cm^2 area and transported to the laboratory under standard Chain of Custody procedures. Wipe samples were extracted using Soxhlet extraction and analyzed for PCBs using USEPA Method 8082.

The brick wipe samples were collected from vertical brick surfaces encapsulated with epoxy but prior to installation of the final metal barrier. Seven out of eight wipes were reported with PCB concentrations less than 1 ug/100cm^2. Because all brick surfaces were subsequently covered with the metal barrier, no further actions were taken with regard to these surfaces.

The samples collected from encapsulated vertical concrete surfaces not in direct contact with the former caulking were all reported with PCB concentrations ≤ 1 ug/100cm^2. As such, no further actions were taken with regard to these surfaces during baseline sampling.

The samples collected from encapsulated concrete joints formerly in direct contact with the caulking (prior to new caulking installation) were reported with PCB concentrations ranging from non-detect (< 0.5) to 4.8 ug/100cm^2, with 5 of the 32 locations reported with PCBs > 1 ug/100cm^2 (but < 5 ug/100cm^2). Given these relatively low concentrations

compared to the baseline concrete bulk samples and that all of these areas would subsequently be covered over with another barrier (new caulking), no further actions were taken at that time.

Based on the above results, additional wipe samples were collected from the five locations with wipe samples > 1 ug/100cm^2 in April 2009 after the application of the new caulking (samples were collected from the new caulking given that the caulking covered the epoxy). Analytical results indicated that PCBs at these locations remained at concentrations greater than 1 ug/100cm^2 at four of the locations, with concentrations ranging from 0.7 to 12 ug/100cm^2. Additional follow-up samples collected from these locations and potential actions are discussed in the MMIP.

A summary of the vertical surface baseline sampling results is presented on Table 2.3A. Figures depicting the initial sample locations are provided as Figures 2.3D though 2.3G.

2.4 HORIZONTAL CONCRETE SURFACES

Results of the full-scale pilot test indicated that the concentrations of PCBs in horizontal surfaces not in direct contact with caulking (the balconies) could be reduced to concentrations below the applicable clean up level through decontamination via chemical washing using the chemical wash CAPSUR®. The anticipated remedial approach assumed that each of the 96 balconies on the W85 buildings would be decontaminated. However, as per Section 3.2.5 of the Full Scale Pilot Test Report and Revised PCB Remediation Plan, the goal of remediation was to remove PCBs from the concrete surfaces to ≤ 1 ppm. As such, prior to initiating decontamination activities, characterization samples were collected from each of the balconies to determine which balconies required decontamination based on a total PCB concentration of > 1 ppm. The balcony remediation activities are described below.

2.4.1 Site Controls

Access to balconies was available via ladder (first floor units) and mechanical lifts (second and third floor units). Access to the balconies and areas surrounding/beneath was limited through communications with the residents and fencing. During balcony decontamination, polyethylene sheeting was used to prevent spills and drips of the CAPSUR wash and rinse solutions to the surrounding areas.

2.4.2 Initial Characterization Sampling

Concrete samples were collected from all 96 balconies located at the four Westgate low-rise buildings for characterization purposes (Note: the nine balconies on the W85 A units were sampled as part of the 2007 full scale pilot test and were not re-sampled). The balconies are divided into 60 courtyard side balconies and 36 street side balconies.

Based on the size of each balcony (13 feet by 5 feet for the courtyard side and 4 feet by 4 feet for the street side balconies), the following sampling strategy was developed. On the courtyard side, balconies of approximately 65 square feet were divided into two equal grid areas (6.5 by 5 feet) and one characterization sample was collected from each grid area for a total of 2 samples per balcony. For streetside balconies of approximately 16 square feet, one characterization sample was collected from each balcony. Sample locations were selected using a random number generator to select the x and y coordinates for each sample. Characterization samples were collected from 0-0.5 inches in accordance with EPA's Draft Standard Operating Procedure for Sampling Concrete in the Field – December 1997. Concrete samples were transported to the laboratory under standard Chain of Custody procedures, extracted using USEPA Method 3540C (Soxhlet extraction), and analyzed for PCBs using USEPA Method 8082. The locations of the characterization samples are presented on Figures 2.4A through 2.4J.

Analytical results from the characterization sampling indicated that 59 of the 96 balconies contained PCBs at less than or equal to 1 ppm. Of these 59 balconies, five contained PCBs at concentrations at either 1 ppm or 0.96 ppm. Of the 42 balconies identified for decontamination, 24 were courtyard side balconies (40% of the courtyard side balconies) and 18 were street side balconies (50% of the street side balconies).

A comparison of sample location to PCB concentrations indicated that the distribution of PCBs was found to be random across the balconies with respect to distance from the building (or caulking). A summary of the characterization data is included in Table 2.4A.

2.4.3 Decontamination Activities

Each of the 42 balconies identified for decontamination (37 balconies > 1 ppm and 5 balconies at 1 ppm or 0.96 ppm) was washed using a chemical extraction solvent (CAPSUR, Integrated Chemistries, Inc.), utilized specifically for PCB removal from porous surfaces. Based on the results of the previous pilot test, ten applications of CAPSUR were applied following the manufacturer's recommended procedures followed by a triple water rinse.

2.4.3.1 Procedures and Methods

All debris was removed from the balconies and polyethylene sheeting was installed to control spray during the application process. CAPSUR was applied following the manufacturer's recommended procedures for hand applications. The product was applied and agitated using a stiff-bristled broom for the full five minute dwell time. During the agitation, the surface of the balcony was kept wet at all times. Following the five minute dwell time, all free liquid was vacuumed from the balcony. A layer of rinse water was then applied to the balcony and vacuumed. This procedure was repeated 10 times followed by a triple water rinse after the tenth application.

CAPSUR Application

2.4.3.2 Interim Results and Troubleshooting

Due to the work restrictions in place on the project allowing for work on one side of any building at a time, the decontamination activities were initiated on nine courtyard balconies on Building FG. Following completion of the nine balconies, verification concrete samples were collected to evaluate the effectiveness of the CAPSUR wash. The same sampling approach used in the characterization phase was also used in the post-decontamination verification phase, with locations offset from the initial characterization sample locations.

The decontamination activities produced mixed results as summarized below:

- 8 of the 18 grid areas on 7 of the 9 balconies continued to detect concentrations of PCBs > 1 ppm;
- 7 of the 18 grid areas continued to detect concentrations of PCBs ≤ 1 ppm;
- 3 of the 18 grid areas that were above 1 ppm detected PCBs ≤ 1 ppm after decontamination;
- 10 of the 18 grid areas exhibited a reduction in PCB concentrations following decontamination, while 8 of the 18 grid areas exhibited an increase in PCB concentration;

- In general, removal efficiencies were variable and inconsistent.

Based on discussions with the manufacturer, possible explanations for the decontamination inefficiency could include temperature issues (CAPSUR can be used at lower temperatures [down to 40 degrees]; however, at lower temperatures, the removal efficiency is reduced), and/or insufficient rinsing and vacuuming (if CAPSUR product is not completely removed from the concrete during the rinsing, then it will most likely contain PCBs and be a contributing factor to the post-decontamination concentrations).

To further assess these conditions, the following activities were conducted:

1. Decontamination was only conducted once the surface temperatures were at or above 40 degrees;

2. Video and photographs were taken during application procedures of the product to document the decontamination process. Recommendations were made to the Contractor (which were implemented) to optimize the removal efficiency of the product, including applying more water to create a thin film of water when vacuuming to increase the suction pressure.

3. Additional washings were conducted at two of the balconies, F2 and F3, to determine if additional washing would result in further reductions of PCB concentrations - three additional applications of the CAPSUR product (for a total of 13 applications on these balconies). Results of verification samples collected following the three additional applications indicated that the concentrations of PCBs in both balconies decreased, but remained > 1 ppm. Given this information, it was determined that additional applications of the CAPSUR product were not likely to result in consistent reduction of PCBs to ≤ 1 ppm.

2.4.3.3 Final Decontamination, Inspection, and Verification

Based on these results the remaining balconies identified for CAPSUR decontamination were washed with 10 applications followed by a triple rinse as in the original scope (with the revisions described in points 1 and 2 above). Post-decontamination verification samples were collected from each of the balconies at the same frequency as the characterization samples (two per courtyard side balcony and one per street side balcony).

The locations of the verification samples were selected following two primary considerations:

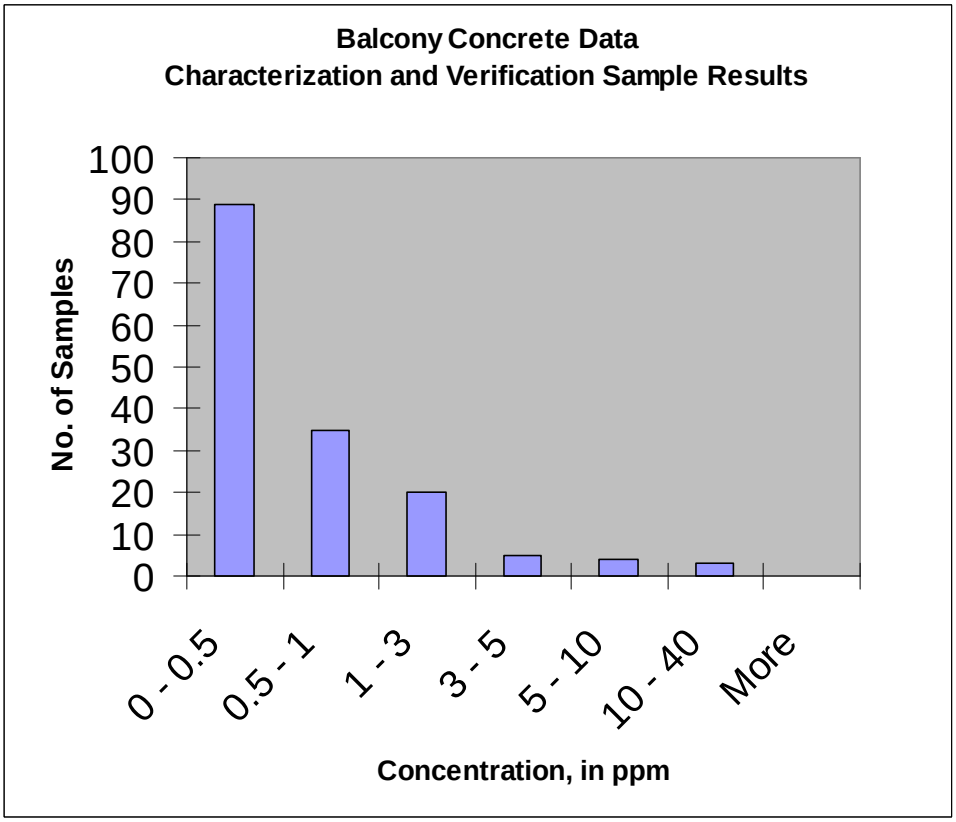
- Randomly Selected Locations: Certain locations were selected using a random number generator to select the x and y coordinates of the sample. This process was primarily used in instances where the concentrations of PCBs were below or slightly above 1 ppm and to provide adequate distribution across the balcony surface.

- Biased Selected Locations: Certain locations were biased towards the characterization sample locations for those balconies that were reported to have elevated concentrations of PCBs.

The results of the characterization and verification sampling indicated that the majority of the samples (79%) detected total PCBs at concentrations less than 1 ppm. Of the samples with PCBs detected at concentrations in excess of the 1 ppm cleanup level, 20 contained PCBs in the range of 1 to 3 ppm, 5 contained PCBs in the range of 3 and 5 ppm, 4 contained PCBs in the range of 5 and 10 ppm, and 3 contained PCBs in the range of 10 and 40 ppm. A histogram of these results is presented below. The locations of the verification samples are presented on Figures 2.4K through 2.4S, and the results are summarized in Table 2.4A.

In total, 30 balconies contained PCBs > 1 ppm following decontamination. Overall, the PCB concentration in 42 individual sample locations decreased and the concentrations at 25 locations increased following decontamination.

The maximum PCB concentration reported in the verification samples was 38.2 ppm, which was detected in the sample collected from Unit C6 street side balcony.



Because high-occupancy cleanup levels had not been achieved at these 30 balconies, an alternate remediation approach (i.e., encapsulation) was proposed and subsequently approved by EPA on August 26, 2009, as described in the following section. The verification bulk concrete samples that had already been collected from each decontaminated balcony were carried forward to serve as the baseline bulk concrete data set for the 30 encapsulated balconies with PCBs > 1 ppm.

2.4.4 Balcony Encapsulation

In accordance with EPA's August 26, 2009 approval of a remedial approach modification for designated horizontal surfaces (balconies), the 30 balconies with PCBs > 1 ppm were encapsulated with either two coats of epoxy (Sikagard 62) or with two coats of a clear acrylic coating (Sikagard 670W). Balcony encapsulation was conducted from October 13 to October 27, 2009. Twenty-four balconies with post-decontamination PCB concentrations between 1 and 5 ppm were encapsulated with two coats of Sikagard 670W, and six balconies with post-decontamination PCB concentrations > 5 ppm were encapsulated with two coats of Sikagard 62 in contrasting colors (red followed by gray).

The coatings were applied using brushes and rollers. Following application of the first epoxy layer, the second was applied within 48 hours to prevent the need for resurfacing. Balcony coating confirmation was performed through visual inspection of encapsulated surfaces. All surfaces were observed to have been encapsulated in accordance with the manufacturer's specifications.

2.4.5 Baseline Wipe Sampling

As part of the overall project activities, baseline sampling of encapsulated surfaces was conducted in accordance with the EPA's August 26, 2009 approval of the revised approach for balcony remediation. The objective of the initial baseline surface wipe samples was to evaluate the effectiveness of the encapsulation and establish a baseline for long term monitoring.

Baseline wipe samples were collected from select balcony surfaces following the standard wipe test procedures as described in 40 CFR 761.123. At each location, a hexane saturated gauze pad was wiped over a 100 cm^2 area and transported to the laboratory under standard Chain of Custody procedures. Wipe samples were extracted by Soxhlet extraction and analyzed for PCBs using USEPA Method 8082.

A total of eleven baseline surface wipe samples were collected from encapsulated horizontal surfaces on November 4, 2009. The balconies selected for baseline sampling included each of the six balconies encapsulated with two coats of epoxy (Sikagard 62) and 20% of the remaining 24 balconies (i.e., 5 balconies) coated with two layers of the clear acrylic coating (Sikagard 670W). Of these eleven samples, all results were reported as non-detect for PCBs, as all samples were found below the laboratory reporting limit of 0.5 ug/100cm^2. Because all sample locations were reported with PCBs < 1 ug/100cm^2, no further actions were warranted for balcony encapsulation, and the remediation of these surfaces was considered to be complete. A summary of the post-encapsulation baseline monitoring wipe sample results is included in Table 2.4B.

2.5 SOIL EXCAVATION

This section describes the soil cleanup and disposal activities conducted under the Approval and the Revised Soil Characterization, Remediation, and Verification Plan (the "Soil Workplan") developed in October 2008 in accordance with Remedial and Disposal Condition 12(d)(i) of the May 15, 2008 Approval. The Soil Workplan was approved by EPA on November 5, 2008 as discussed in Section 1.3.

As presented in the Soil Workplan, characterization data gathered over the course of nine soil sampling events between April 2006 and October 2008 were used to develop a conceptual site model defining the nature and extent of PCB-affected soils. In summary, the analytical results from the comprehensive sampling program indicated the following:

- All soils within 5 feet of the buildings were presumed to contain PCBs > 1 ppm;
- Select soils at distances greater than 5 feet from the buildings contained PCBs > 1 ppm; and,
- No soils contained PCBs at levels ≥ 50 ppm.

The results of the characterization sampling enabled the delineation of PCBs in soils at concentrations greater than 1 ppm. Based on this model, an excavation plan was developed assuming the removal of soils in known impacted areas (i.e., all soils with PCBs > 1 ppm) to a depth of 1 foot below ground surface (Figure 2.5A). A volume of 425 cubic yards of in-place soils (385 cy plus a 10% contingency) was planned for removal from the Site.

The removal of PCB-impacted soils began after the caulking removal and epoxy sealing phase of building remediation work was completed. All ambient air monitoring and verification soil sampling activities were conducted in accordance with the Soil Workplan. Soil excavation activities began on December 1, 2008 and were completed on January 8, 2009.

2.5.1 Site Controls

Prior to initiating the soil excavation, site controls were implemented as described in Section 3.2 of the workplan. These preparations included the development of a Health & Safety Plan, filing notices with EPA pursuant to Conditions 9 and 11 of the Approval, preparation and submittal of an MCP Release Abatement Measure (RAM) Plan by Cooperstown Environmental, Dig Safe marking and notification, and securing perimeter fences around the proposed excavation areas. Communications with W85 residents were maintained by MIT and Cooperstown Environmental throughout work activities to relay information regarding work schedules, building access restrictions, and to answer questions regarding the work.

2.5.2 Methods

All soil removal areas were marked and confirmed by Woodard & Curran prior to beginning excavation. TEI used a mini hydraulic excavator (Caterpillar 305CR or similar) for soil removal activities and a bobcat or small front-end loader to transport the soils from the 305CR to lined 20-yard roll-off containers staged in parking spaces either on Audrey Street or Amherst Alley. If either the excavator or the backhoe needed to travel over contaminated soils in the process of removing more distant contaminated soils, the in-place contaminated soils were covered with polyethylene sheeting to prevent tracking onto walkways, other soils, or any other areas during equipment travel.

Verification Sample Layout

All soil removal was conducted with one operator in the excavator, a second operator in the backhoe, and a third worker on foot in the excavation area. The responsibility of the worker in the excavation was to mist soils with a water sprayer as needed, perform finishing work with a shovel in corners or sidewalls that were difficult to reach with a bucket, and confirm soil removal depth as the excavation progressed. Excavation work around well-established trees was conducted with hand tools or other less destructive excavation methods to minimize damage to these trees and their roots. At the end of each work day, any open excavations were secured by temporary fencing and signs.

Upon achieving the proposed excavation limits in a given area, post-excavation samples were collected on a 1.5-meter sampling grid in accordance with Subpart O requirements (40 CFR 761.280). Because of the large number of verification samples required under Subpart O, an alternate sampling plan was used to confirm the limits of excavation. A sample compositing strategy was developed for each excavation area with no more than 5 discrete grid samples collected in a single composite sample. Upon submitting samples to the laboratory, composite samples were analyzed and the associated discrete samples were put on hold until receipt of the analytical results from the composite sample. The composite sample result were multiplied by the number of discrete samples in the composite and this value was compared to the cleanup level:

- If ≤ 1 ppm, the cleanup was considered complete;

- If > 1 ppm, then the discrete samples were analyzed and their results compared to the cleanup level. If > 1 ppm, then additional removal activities were performed in the respective grid areas and verification samples collected at offset sampling locations. This process was repeated until the 1 ppm cleanup level was achieved.

Upon implementation, the results of the initial round of data indicated that many samples did not meet the cleanup level due to the effect of the multiplier (i.e., a sample composited from 5 discrete locations would often be reported with PCBs > 0.2 ppm, but subsequent analysis of each of the discrete samples often found PCBs ≤ 1 ppm in all five discrete samples). The compositing scheme was then reorganized to limit the number of discrete samples to no more than three (3) discretes per composite.

All samples were transferred on ice to Analytics Environmental Laboratory of Portsmouth, New Hampshire under standard chain of custody procedures. Samples were extracted using USEPA Method 3540C (Soxhlet extraction) and analyzed for PCBs using USEPA Method 8082. Electronic versions of the complete laboratory analytical packages are provided in CD format in Appendix B.

2.5.3 Soil Removal Areas

After the implementation of site controls, the excavation work began in a phased approach to limit disruption to small areas at a time. Initial excavation began with courtyard-side soils at W85 ABC and moved clockwise around the Site. After initial courtyard excavations were completed, street-side soils were excavated based on the availability and location of empty roll-off containers. Upon review of the analytical data, the corresponding excavation area was either backfilled or subject to further excavation. A summary of the excavation at the respective buildings is provided below.

2.5.3.1 ABC Building

Soil excavation at the W85 ABC building began on December 1, 2008. The initial excavation extended to a depth of twelve inches below ground surface in all six excavation areas (A through F) except where large trees and root structures prevented reaching the full twelve inches across the entire removal area (portions of ABCA and ABCB). After initial soil removal activities were completed, 62 verification samples were collected on a 5-foot grid as shown on Figure 2.5B; this included 60 composite samples and 2 discrete samples. Upon review of the analytical data (Table 2.5A), 12 of the 60 composite samples were reported with PCB concentrations > 1 ppm, and an additional 17 composite samples were calculated with concentrations > 1 ppm when the multiplier was used. As a result, the soils in the 12 locations with composite PCB concentrations > 1 ppm and 6 of the locations with composite PCB concentrations very close to 1 ppm were scheduled for additional removal; discrete samples were analyzed for the remaining 11 composite samples to determine whether discrete sample concentrations were > 1 ppm and would require additional excavation. In total, an additional 6 inches of soils were removed from 19 locations in the areas represented by these samples.

Second round verification samples were collected from select areas as shown on Figure 2.5C; this included 18 composite samples and 3 discrete samples. Upon review of the analytical data, 2 of the 18 composite samples were reported with PCB concentrations > 1 ppm, and an additional 2 composite samples were calculated with concentrations > 1 ppm when the multiplier was used. As a result, the soils in both locations with composite PCB concentrations > 1 ppm were scheduled for additional removal; discrete samples were analyzed for the remaining 2 composite samples to determine whether discrete sample concentrations were > 1 ppm, but all discrete samples analyzed for these composites were reported with PCBs ≤ 1 ppm. In total, an additional 6 inches of soils were removed from the 2 areas represented by the composite samples reported with PCBs > 1 ppm.

Third round verification samples were collected from select areas as shown on Figure 2.5D; this included 4 discrete samples. Upon review of the analytical data, 1 of the 4 samples was reported with PCB concentrations > 1 ppm. As a result, the soils in the single remaining area with PCB concentrations > 1 ppm were scheduled for additional removal. A fourth round of excavation was conducted to remove an additional 6 inches of soil from the area represented by the sample in exceedance of cleanup levels. A single verification sample was collected from the removal area; the sample was reported with PCBs ≤ 1 ppm, confirming that cleanup levels were met in all areas of W85 ABC.

Upon completion of soil removal activities at W85 ABC on January 5, 2009, the final depths of excavation ranged from 12 to 30 inches below ground surface. The total volume of in-place soil removed from W85 ABC is estimated at 155 cubic yards based on field measurements of removal areas and excavation depths. The average concentration of PCBs in the verification samples collected at the final base of excavation from W85 ABC is 0.33 ppm.

2.5.3.2 DE Building

Soil excavation at the W85 DE building began on December 2, 2008. The initial excavation extended to a depth of twelve inches below ground surface in all four excavation areas (G through J) except where large trees and root structures prevented reaching the full twelve inches across the entire removal area (portions of DEI and DEJ). After initial soil removal activities were completed, 26 composite verification samples were collected on a 5-foot grid as shown on Figure 2.5E. Upon review of the analytical data (Table 2.5A), 4 of the 26 composite samples were reported with PCB concentrations > 1 ppm, and an additional 12 composite samples were calculated with concentrations > 1 ppm when the multiplier was used. As a result, soils in the 4 locations with composite PCB concentrations > 1 ppm and one of the locations with composite PCB concentrations very close to 1 ppm were scheduled for additional removal; discrete samples were analyzed for the remaining 11 composite samples to determine whether discrete sample concentrations were > 1 ppm and would require additional excavation. In total, an additional 6 inches of soils were removed from 10 locations in the areas represented by these samples.

Second round verification samples were collected from select areas as shown on Figure 2.5F; this included 6 composite samples and 5 discrete samples. Upon review of the analytical data, none of the 6 composite samples and none of the 5 discrete samples were reported with PCB concentrations > 1 ppm; however, one of the composite samples was calculated with concentrations > 1 ppm when the multiplier was used. As a result, discrete samples were analyzed for this single composite sample to determine whether discrete sample concentrations were > 1 ppm and would require additional excavation. Each of the three discrete samples representative of this composite sample were reported with PCBs ≤ 1 ppm, confirming that cleanup levels were met in all areas of W85 DE.

Upon completion of soil removal activities at W85 DE on December 29, 2008, the final depths of excavation ranged from 12 to 18 inches below ground surface. The total volume of soil removed from W85 DE is estimated at 80 cubic yards based on field measurements of removal areas and excavation depths. The average concentration of PCBs in the verification samples collected at the final base of excavation from W85 DE is 0.38 ppm.

2.5.3.3 FG Building

Soil excavation at the W85 FG building began on December 4, 2008. The initial excavation extended to a depth of twelve inches below ground surface in all seven excavation areas (K through Q) except where large trees and root structures prevented reaching the full twelve inches across the entire removal area (portions of FGL and FGP). After initial soil removal activities were completed, 52 composite verification samples were collected on a 5-foot grid as shown on Figure 2.5G. Upon review of the analytical data (Table 2.5A), 6 of the 52 composite samples were reported with PCB concentrations > 1 ppm, and an additional 4 composite samples were calculated with concentrations > 1 ppm when the multiplier was used. As a result, soils in the 6 locations with composite PCB

concentrations > 1 ppm were scheduled for additional removal; discrete samples were analyzed for the remaining 4 composite samples to determine whether discrete sample concentrations were > 1 ppm and would require additional excavation. All discrete samples analyzed were reported ≤ 1 ppm, and an additional 6 inches of soils were removed only from the 6 locations in the areas represented by the composite samples reported with PCBs > 1 ppm.

Second round verification samples were collected from select areas as shown on Figure 2.5H; this included 5 composite samples and 3 discrete samples. Upon review of the analytical data, 1 of the composite samples and 1 of the discrete samples were reported with PCB concentrations > 1 ppm; no composite samples were calculated with concentrations > 1 ppm when the multiplier was used. As a result, no additional discrete samples were analyzed, and the soils in the locations with PCB concentrations > 1 ppm were scheduled for additional removal. In total, an additional 6 inches of soils were removed from 2 locations in the areas represented by these samples.

Third round verification samples were collected from two areas as shown on Figure 2.5I; this included 1 composite and 1 discrete sample. Upon review of the analytical data, both of the samples were reported with PCBs ≤ 1 ppm, confirming that cleanup levels were met in all areas of W85 FG.

Upon completion of soil removal activities at W85 FG on January 5, 2009, the final depths of excavation ranged from 12 to 24 inches below ground surface. The total volume of soil removed from W85 FG is estimated at 120 cubic yards based on field measurements of removal areas and excavation depths. The average concentration of PCBs in the verification samples collected at the final base of excavation from W85 FG is 0.19 ppm.

2.5.3.4 HJK Building

Soil excavation at the W85 HJK building began on December 5, 2008. The initial excavation extended to a depth of twelve inches below ground surface in all five excavation areas (R through U) except where large trees and root structures prevented reaching the full twelve inches across the entire removal area (portions of HJKU). After initial soil removal activities were completed, 39 composite verification samples were collected on a 5-foot grid as shown on Figure 2.5J. Upon review of the analytical data (Table 2.5A), 3 of the 39 composite samples were reported with PCB concentrations > 1 ppm, and an additional 4 composite samples were calculated with concentrations > 1 ppm when the multiplier was used. As a result, soils in the 3 locations with composite PCB concentrations > 1 ppm were scheduled for additional removal; discrete samples were analyzed for the remaining 4 composite samples to determine whether discrete sample concentrations were > 1 ppm and would require additional excavation. In total, an additional 6 inches of soils were removed from the 3 composite locations and 1 discrete location in the areas represented by these samples.

Second round verification samples were collected from select areas as shown on Figure 2.5K; this included 3 composite samples and 1 discrete sample. Upon review of the analytical data, all 3 composite samples and the single discrete sample were reported with PCB concentrations ≤ 1 ppm, confirming that cleanup levels were met in all areas of W85 HJK.

Upon completion of soil removal activities at W85 HJK on January 5, 2009, the final depths of excavation ranged from 12 to 18 inches below ground surface. The total volume of soil removed from W85 HJK is estimated at 70 cubic yards based on field measurements of removal areas and excavation depths. The average concentration of PCBs in the verification samples collected at the final base of excavation from W85 HJK is 0.23 ppm.

2.5.4 Soil Removal Summary

The verification sampling associated with soil removal included analysis of 334 primary soil samples (210 composites and 124 discretes). The first round of data included 276 samples, 39 of which were reported with PCBs > 1 ppm and

led to additional soil removal. Within the additional removal areas, the second round of data included 51 samples, 4 of which were reported with PCBs > 1 ppm and led to additional soil removal. Within these areas, the third round of data included 6 samples, 1 of which was reported with PCBs > 1 ppm leading to a fourth and final round of additional soil removal at a single location. A verification sampling summary table presenting the number of samples collected from each removal area during each round of excavation is provided as Table 2.5C.

The volume of in-place soils excavated from the Site totaled 425 cubic yards. This number was calculated given the size of the excavation areas and known excavation depths in each area. This 425 cubic yard volume is consistent with the 425 cubic yard estimate in the workplan. Given the density of soils and slight volumetric expansion expected upon removal from the ground, this figure is consistent with the total weight of soils (674 tons) as measured at the disposal facility. Refer to Section 2.6 for complete disposal documentation.

2.5.5 Asphalt Remediation

In addition to soil removal activities around the FG building, asphalt remediation activities were conducted as a result of PCB concentrations reported above the 1 ppm cleanup level at one asphalt sample location (FGS-CAS-009) as presented in the Soil Workplan. Because of the sample collection date (August 2008) and the site remediation activities underway at the time (active building remediation and heavy equipment travel from soils to asphalt sidewalks), it was determined that the likely mechanism for PCBs to have come to be located in the asphalt was by aerial lift traffic over soils and asphalt. On December 5, 2008, decontamination of the asphalt sidewalk was conducted along the length of the asphalt walkway parallel to Vassar Street by dry sweeping followed by power washing with water. Wash water was allowed to infiltrate the soils between the asphalt and the building, as these soils were scheduled for removal. On the same day, one verification sample was collected on either side of the former FGS-CAS-009 to determine whether cleanup levels were met. Both FGS-CAS-021 and FGS-CAS-022 were reported with PCBs ≤ 1 ppm, confirming that cleanup levels were met for the asphalt in the W85 FG area.

In addition to soil removal activities around the HJK building, asphalt remediation activities were conducted as a result of PCB concentrations reported above the 1 ppm cleanup level at two asphalt sample locations (HJKS-CAS-001 and HJKS-CAS-002). On December 5, 2008, decontamination of the asphalt sidewalk was conducted along the length of the asphalt walkway parallel to Amherst Alley as described above. On the same day, two verification samples were collected adjacent to the former sample locations to determine whether cleanup levels had been met; while HJKS-CAS-019 was reported with PCBs ≤ 1 ppm, HJKS-CAS-020 was reported with PCBs at 1.53 ppm (Figure 2.5L). Because the concentration > 1 ppm was still believed to be a result of short-term soil transport and not a direct release from building materials, three additional asphalt verification samples were collected on April 1, 2009 in proximity to HJKS-CAS-020: HJKS-CAS-026 (5 inches west), HJKS-CAS-027 (10 inches east and 36 inches north), and HJKS-CAS-028 (10 inches east and 24 inches south). All three of these samples were reported with PCBs ≤ 1 ppm, confirming that cleanup levels were met for the asphalt in the W85 HJK area.

A summary of asphalt analytical data is included on Table 2.5B, and the locations of the asphalt samples are presented on Figure 2.5L.

2.5.6 Air Monitoring

Air monitoring was conducted in accordance with the perimeter air monitoring plan included in Appendix B of the Soil Workplan. Hourly readings were recorded at one background and at least three perimeter air monitoring locations during all soil removal activities on-site. Readings were collected over 30-second intervals at each location using a DustTrak Model 8520 aerosol monitor.

There were no instances of visible dust generation from any soil removal area during excavation activities, as soils that appeared dry on the ground were misted with water prior to removal. There were no exceedances of the total airborne particulate action limit (0.1 mg/m^3 above background) during any Site activities; as such, no work stoppages were necessary as a result of air monitoring and no corrective actions were required.

A copy of the air monitoring logs and a figure depicting the air monitoring locations are provided in Appendix C.

2.6 WASTE STORAGE & DISPOSAL

2.6.1 Building Materials

All removed caulking and associated polyethylene sheeting from the containment measures was transported off-site and disposed of at Chemical Waste Management's Chemical Services Facility in Model City, New York. A total of 3,114 kg of hazardous bulk PCB Waste (PCBs ≥ 50 ppm) contained in 63 drums were removed for off-site disposal to the Model City facility, with the first load shipped on July 22, 2008 and the last load shipped and received on September 29, 2008. Pursuant to Recordkeeping and Reporting Condition 26 of the Approval, copies of all waste shipment records including waste manifests and certificates of disposal are provided in Appendix D.

2.6.2 Decontamination Liquids

All PCB-impacted liquids (i.e., decontamination fluids, CAPSUR rinsate, etc.) were transported off-site for disposal at a Chemical Waste Management facility. The liquids were initially transported to the CWM Facility in Model City, New York, and ultimately shipped to CWM's Port Arthur, Texas hazardous waste incineration facility for final disposition. A total of 1,594 kg of PCB-impacted liquids contained in 11 drums were transported to the Model City facility, with the first load shipped on October 21, 2008 and the last load shipped and received on December 29, 2008. Pursuant to Recordkeeping and Reporting Condition 26 of the Approval, copies of all waste shipment records including waste manifests and certificates of disposal are provided in Appendix D.

2.6.3 Soils

All excavated soils were stored in lined, marked, and covered roll-off containers prior to off-site transportation and disposal. The PCB wastes were marked in accordance with 40 CFR 761.40 and were managed in accordance with 40 CFR 761.65. Soils were transported off-site by Ameritech Environmental Services, Inc. to Waste Management's Turnkey Recycling and Environmental Enterprises (TREE) facility in Rochester, New Hampshire for disposal. All PCB-impacted soils removed from the Site were treated as bulk PCB Remediation Waste (PCBs < 50 ppm) pursuant to 40 CFR Part 761.61.

A total of 38 trucks (each carrying a single roll-off) delivered 674 tons of soils to the TREE facility, with the first load shipped and received on December 2, 2008 and the last load shipped and received on January 13, 2009. Pursuant to Recordkeeping and Reporting Condition 26 of the Approval, copies of all waste shipment records including bills of lading are provided in Appendix D.

To confirm that bulk PCB remediation wastes were appropriately stored on-site and that no container staging areas were impacted by PCBs during remediation work, two soil samples and three asphalt samples from locations used as roll-off container staging areas during active remediation work were collected for laboratory analysis. The two discrete soil samples were collected from the FG area (soils between FG and HJK) and the HJK area (soils south of J). Both samples were reported with PCB concentrations ≤ 1 ppm (Table 2.5A). The three bulk asphalt samples were collected from the street parking area on Audrey Street west of the A-building door and from the street parking

area on Amherst Alley at the north end of the HJK building. All three asphalt samples were reported non-detect for PCBs (Table 2.5B). The soil and asphalt sample results confirm that bulk PCB remediation wastes were appropriately stored on-site during remediation work.

2.7 SITE RESTORATION

2.7.1 Exterior Joints

After the remediated building surfaces were encapsulated as described in Section 2.3, all metal window joints and masonry joints subject to caulking removal were resealed with new caulking. The caulking used was Sikaflex 1A, a polyurethane-based elastomeric sealant suitable for both horizontal and vertical joints. Building restoration activities also included removing epoxy in places where, after application to a surface, the epoxy had dripped and hardened onto window frames or masonry surfaces where it was not intended to be.

2.7.2 Interior Window Ledge Cleaning

Based on the results of interior window ledge wipe sampling conducted during the pilot test, an Interior Cleaning and Verification Plan was developed to clean the metal window sills within each apartment unit in all four of the low rise buildings following the completion of the building exterior remediation activities. This plan was approved by EPA on December 4, 2008 as described in Section 1.3.

After completion of the exterior PCB remediation activities, MIT housing personnel cleaned the interior metal window sills in all 60 residential low-rise apartment units between March 30 and April 3, 2009. The cleaning procedures consisted of using a general household cleaner (Windex) on each window sill. The cleaner was sprayed on the window sills and frames and wiped clean using a cloth. Prior to cleaning, the residents were asked to remove any items that may have been located on the sills.

After cleaning, wipe samples were collected for PCB analysis from the window sills. Samples were collected from 50% of the apartment units (30 units) with one-half of the units in each separate building block (A, B, D, F, etc.) being randomly selected for sample collection. One sample was collected from a randomly selected location on each window sill in each of the selected units for a total of 30 samples.

Analytical results of the surface wipe samples indicated the following:

- PCB concentrations in 10 of the 30 samples did not exceed the laboratory's minimum reporting limits of 0.5 or 1.0 µg/100cm^2;
- PCB concentrations were reported ≤ 1 µg/100cm^2 in 27 of the 30 samples;
- PCB concentrations were reported > 1 µg/100cm^2 in 3 samples (1.4, 1.7, and 1.8 µg/100cm^2); and
- All detected PCB concentrations were well below the high occupancy cleanup level of 10 µg/100cm^2.

A table summarizing the analytical data is provided as Table 2.7A. Based on these results, no further actions were conducted with regard to the interior window sills.

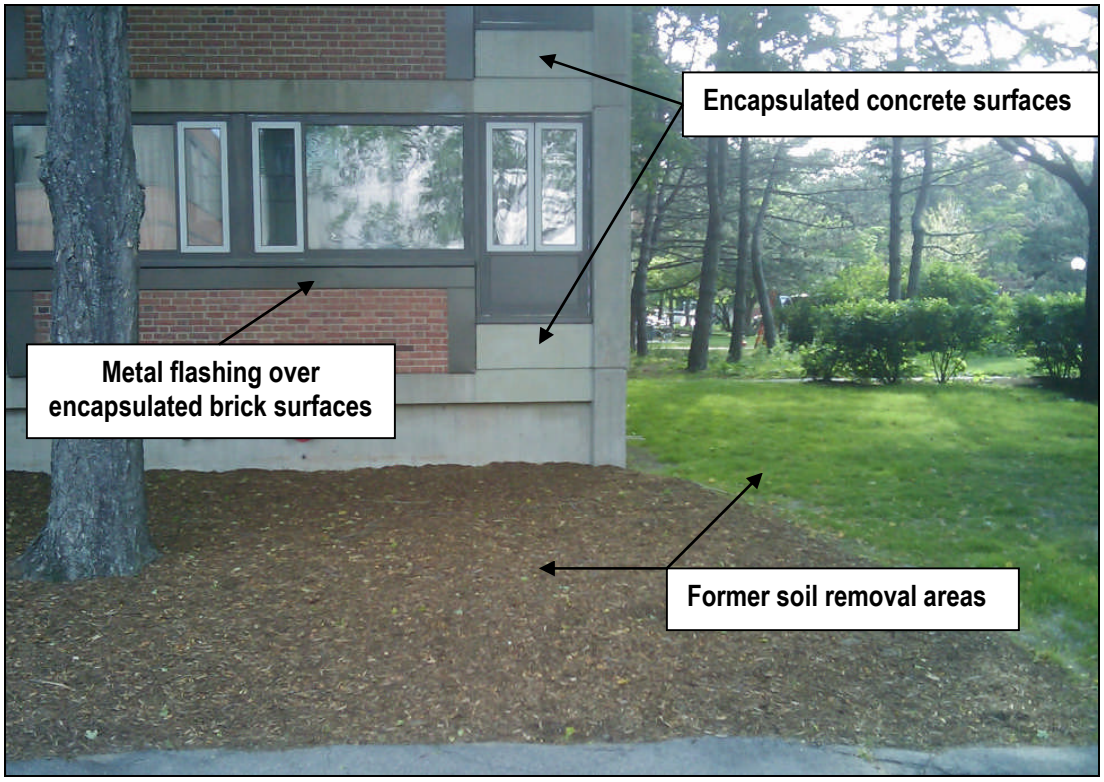
2.7.3 Ground Surfaces

All asphalt and concrete sample locations were repaired with asphalt or concrete cold patch after sampling activities were complete.

Following completion of the soil removal activities and verification that the cleanup levels had been met, TEI backfilled and compacted all soil excavation areas with clean fill supplied by Agretech Materials of Methuen, Massachusetts. Prior to backfill delivery, Cooperstown submitted a sample of the fill to Alpha Analytical Laboratory of Westborough, Massachusetts for analysis of volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), PCBs, RCRA-8 Metals, total petroleum hydrocarbons (TPH), and general chemistry parameters. Upon comparing the data to MCP RCS-1 soil standards, no exceedances were found, confirming that the backfill material was acceptable for use on-site. A summary of the backfill analytical data is provided as Table 2.7B.

Site controls (perimeter fencing) were dismantled after backfilling was complete in January 2009 and the ground surface was restored to its original condition (grass, landscaping, etc.) in the spring of 2009.

A photo of the restored ground surface and portions of the encapsulated building surfaces is provided below, depicting the south end of W85 ABC as viewed from the sidewalk along Audrey Street.



3. DATA USABILITY ASSESSMENT

This data quality and data usability assessment reviews the results of the characterization and verification samples collected by W&C personnel between July 10, 2008 and November 4, 2009 in association with full-scale implementation activities. This precision, accuracy, representativeness, completeness, comparability, and sensitivity (PARCCS) parameter evaluation includes an assessment of the parameters and QA/QC samples as they affect the usability of the data. These indicators have been examined in the context of the intended use of the data and an overall assessment of site conditions.

The data set subject to this data usability assessment consists of 866 primary samples, including:

Bulk Samples	Wipe Samples
Balcony Concrete Samples (207)	Epoxy Wipe Samples (67)
Wall Concrete Samples (42)	Metal Wipe Samples (174)
Soil Samples (336)	Interior Wipe Samples (30)
Asphalt Samples (10)	

Sample extraction and analysis was performed by Analytics Environmental Laboratory of Portsmouth, New Hampshire. All samples were extracted by USEPA Method 3540C (Soxhlet Extraction) and analyzed for PCBs by USEPA Method 8082.

Data validation was conducted by a third-party validator, Data Check, Inc. of New Durham, New Hampshire, according to a modified Tier II validation procedure. This review included a completeness check of field documentation including sample collection and preservation methods, a completeness check of the laboratory data and documentation, a review of the internal laboratory QA/QC procedures and results including surrogate recoveries, matrix spike and matrix spike duplicate results, blank results, and laboratory control standard results, and an evaluation of sample holding times, trip blank results, and field duplicate results. The assessment was performed in general conformance with EPA Region I Guidelines and the Quality Control Guidelines for the Acquisition. Data Check's data validation summaries are included in Appendix E.

3.1 PRECISION

Field duplicate samples were collected at an approximate frequency of one duplicate sample per twenty primary samples during sampling events. Relative percent differences (RPDs) between the primary and associated duplicate samples were compared to the acceptance criteria, which varies depending on the media and sample type. As a result of the data validation process, data qualifiers were attached to certain sample results to indicate that the concentration is estimated. Associated samples were qualified with a "J" if the RPD between the primary and duplicate samples fell outside acceptance criteria, which occurred in the following primary/duplicate pairs:

- B6S-BCS-132 / B6S-BCS-505 (RPD of 59.9%) for Aroclor 1254 (balcony concrete samples);
- D5S-BCS-140 / D5S-BCS-506 (RPD of 71.9%) for Aroclor 1260 (balcony concrete samples);
- B2S-WCS-020 / B2S-WCS-501 (RPD of 51.6%) for Aroclor 1254 (wall concrete samples); and
- C5S-MWS-039 / C5S-MWS-500 (RPD of 54.0%) for Aroclor 1254 (metal wipe samples).

The "J" qualifications were applied to the data associated with these primary/duplicate pairs as shown on Tables 2.2B, 2.3A, and 2.4A. No other sample results were qualified as a result of field duplicate and primary samples being reported outside of acceptance criteria, including all soil samples, asphalt samples, epoxy wipe samples, or interior wipe samples.

Data was also qualified with a "J" if the RPD between the column results was reported outside of the acceptance criteria (varies by sample matrix); column results typically differ due to heterogeneities inherent to particular solid sample matrices. Whether or not the RPD meets acceptance criteria, the laboratory reports the higher of the two column results unless interferences were present in the higher of the two results. A "J" qualifier was applied to 64 out of 207 balcony concrete samples, 10 out of 42 wall concrete samples, 8 out of 67 epoxy wipe samples, 3 out of 30 interior wipe samples, 53 out of 174 metal wipe samples, 20 out of 336 soil samples, and 2 out of 10 asphalt samples. While the nature of the sample matrices makes it difficult to achieve good precision in data analysis, the data is still considered acceptable for use due to the laboratory's conservative reporting policy (reporting the higher of the two column results regardless of the RPD).

3.2 ACCURACY

Accuracy of the analytical data was assessed by reviewing recoveries for surrogates, matrix spikes (MS), matrix spike duplicates (MSD), laboratory control samples (LCS) and laboratory control sample duplicates (LCSD).

All surrogates met acceptance criteria with the exceptions listed in the data validation summary reports. Certain surrogate recoveries reported outside acceptance criteria resulted in application of a "J" data qualifier to certain samples, including the following:

- H5C-BCS-014 for Aroclor 1254 (balcony concrete sample);
- F3C-BCS-025 for Aroclors 1254 & 1260 (balcony concrete sample);
- F5C-BCS-028 for Aroclors 1254 & 1260 (balcony concrete sample);
- F5C-BCS-029 for Aroclors 1254 & 1260 (balcony concrete sample);
- H6C-BCS-042 for Aroclor 1254 (balcony concrete sample);
- G2C-BCS-062 for Aroclor 1260 (balcony concrete sample);
- G1C-BCS-154 for Aroclor 1260 (balcony concrete sample);
- F6S-MWS-030 for all Aroclors (metal wipe sample);
- G4C-MWS-121 for all Aroclors (metal wipe sample);
- D2C-MWS-131 for all Aroclors (metal wipe sample);
- D6C-MWS-135 for all Aroclors (metal wipe sample);
- E6C-MWS-141 for all Aroclors (metal wipe sample);
- C5C-MWS-163 for all Aroclors (metal wipe sample); and
- ABCF-VSC-006 for Aroclor 1260 (soil sample).

Surrogate recoveries met acceptance criteria for all asphalt samples and interior wipe samples. In addition, no qualifiers were applied to data for wall concrete samples or epoxy wipe samples, or any remaining balcony concrete samples, metal wipe samples, or soil samples as a result of surrogate recoveries reported outside acceptance criteria.

MS/MSD recoveries were reviewed for all bulk sample matrices; MS/MSD analyses are not run on wipe samples. MS/MSD analyses met acceptance criteria for all other samples with the exceptions listed in the data validation summary reports. Certain recoveries reported outside acceptance criteria resulted in application of a "J" data qualifier to certain samples, including the following:

- J2C-BCS-057 for Aroclor 1260 (balcony concrete sample);
- G6C-BCS-071 for Aroclor 1260 (balcony concrete sample);
- G3C-BCS-157 for Aroclor 1260 (balcony concrete sample);
- E2C-BCS-180 for Aroclor 1260 (balcony concrete sample);
- G4S-BCS-210 for Aroclor 1016 (balcony concrete sample – qualified "UJ");
- FGP-VSC-125 for Aroclor 1260 (soil sample);
- FGP-VSC-091 for Aroclor 1260 (soil sample);
- DEI-VSC-196 for Aroclor 1260 (soil sample); and
- ABCA-VSC-177 for Aroclor 1260 (soil sample).

No qualifications were applied to any other balcony concrete or soil samples, nor any wall concrete, or asphalt sample results as a result of MS/MSD recoveries.

LCS/LCSD recoveries met acceptance criteria with only a few exceptions; however, no qualifications were applied to any sample results for any media because the analyte reported outside acceptance criteria (Aroclor 1016) was not detected in any associated samples.

No other qualifications were applied to the data as a result of surrogate, MS/MSD, or LCS/LCSD percent recoveries.

3.3 REPRESENTATIVENESS

Consistent procedures and laboratory analysis of the data were achieved. Sample containers were packed on ice and were accompanied by complete chain of custody forms from the time of sample collection until laboratory delivery, where they were received at an acceptable temperature. All samples were extracted and analyzed within the allowable holding time for the method. Field equipment blank samples, collected at an approximate frequency of one per twenty primary samples during this sampling event, were non-detect for all samples; as a result, no qualifications were applied to the data.

No analytes were detected in the laboratory method blank analyses with the following exceptions:

- One PCB method blank associated with seven interior wipe samples contained Aroclor 1016 (4.1 ug/wipe) and Aroclor 1260 (2.0 ug/wipe). Since all associated samples were ND for all PCBs and it appears the lab inadvertently spiked the blank to the LCS spiking solution, no qualifications were applied.
- One PCB method blank (B09088PSOX) contained Aroclor 1254 (72 ug/kg); no qualifications were applied to associated concrete samples since sample results were greater than the blank action level.
- One PCB method blank (B07318PSOX) contained Aroclor 1254 (0.5 ug/wipe); no qualifications were applied to associated metal wipe samples since sample results were greater than the blank action level.
- One PCB method blank (B09088PSOX) associated with six metal wipe samples contained Aroclor 1254 (0.7 ug/wipe). The six associated samples were qualified as non-detect (U).

No analytes were detected in any laboratory method blank analyses for any other sample media, indicating that there were no other interferences introduced at the laboratory during sample analysis.

3.4 COMPLETENESS

Completeness is a measure of the amount of valid data obtained from a measurement system compared to the amount of valid data expected. The data packages from Analytics were reviewed to ensure that all sample and associated quality assurance results were available. Results of the completeness review indicated that all collected samples were analyzed and all quality control results were available to complete the data validation process.

3.5 COMPARABILITY

Comparability measures the degree of confidence with which one data set can be compared to a related set of data. Based on a review of established standard methods and procedures for collection, analysis, and reporting of data, the data collected by W&C during these sampling events are considered to have met the requirements for comparability.

3.6 SENSITIVITY

Sensitivity was evaluated based on a review of the sample quantitation and reported quantitation limits. Laboratory reported detection limits typically met the Site data quality objectives (reporting limits below applicable cleanup levels, which are media-dependent); however, sample dilutions due to elevated PCB concentrations did not make it possible to meet this objective for all samples. Verification samples collected after additional remediation activities (i.e., soil removal, concrete decontamination, etc.) which subsequently confirmed that cleanup levels had been met were all reported with detection limits that met the Site data quality objectives.

3.7 CONCLUSION

Based on a review of the analytical results with regard to the PARCCS parameters, this data quality / data usability assessment indicates that the data is of sufficient quality for use in characterizing and verifying remediation at the site.

4. DEED NOTICE

Pursuant to Condition #15 of the EPA's May 15, 2008 Westgate Housing Facility PCB Risk Based Cleanup and Disposal Approval under 40 CFR 761.61(c), 761.62, and 761.79(h), a draft Deed Notice has been prepared for the encapsulated surfaces and is provided in Appendix F.

5. LONG TERM MONITORING ACTIVITIES

A Long-Term Monitoring and Maintenance Implementation Plan (MMIP) was submitted to EPA on July 10, 2008 in accordance with Inspection, Monitoring, Modification and Revocation Condition 19(a) of the Approval. EPA provided comments on the MMIP on July 16, 2008. Given the timing associated with the balcony remediation, the revised MMIP, including the incorporation of EPA comments and the results from the balcony remediation, was submitted to EPA in March 2010.

In addition, given this timing, the revised plan includes a presentation of all baseline monitoring data as well as the first round of long-term monitoring data collected in November 2009. The plan details the monitoring and maintenance activities that will be conducted to assess the long-term effectiveness of the encapsulants applied to select building surfaces after remediation activities were complete. Approval of the MMIP is pending as of the date of this report.

6. SUMMARY AND CONCLUSIONS

This Final Completion Report has been prepared by Woodard & Curran on behalf of MIT to comply with the requirements set forth in EPA's May 15, 2008 Risk-Based Cleanup and Disposal Approval granted under 40 CFR 761.61(c), 761.62, and 761.79(h). This Report documents the full-scale PCB remediation activities conducted at the W85 Westgate Housing Complex on the MIT campus in Cambridge, Massachusetts. On behalf of MIT, W&C oversaw the PCB remediation activities conducted between July 2008 and October 2009.

Cleanup and disposal of PCB remediation wastes, including soils, building materials, and impacted liquids generated in association with building remediation activities was conducted at the Site in accordance with the Application, the Approval, and subsequent workplans and approvals as described in this Report.

After site preparation activities, the remediation began with caulking removal from the masonry and metal window and door joints of the four buildings. Caulking removal was conducted using a variety of hand tools to the maximum extent practicable, resulting in an estimated total of 14,660 l.f. of caulking removed from the building joints. After visual inspections, verification wipe samples from metal window frames were collected at an approximate frequency of one sample per 50 l.f. of caulking removed. Analytical results were compared to the 10 µg/100 cm^2 cleanup level, and if necessary, additional cleaning and sampling was conducted until all results met the cleanup level.

Following caulking removal and the achievement of target cleanup levels as verified by analytical results, vertical masonry surfaces (concrete and brick) were encapsulated using a combination of a moisture-tolerant epoxy resin and the installation of metal panels to eliminate the direct exposure and leaching pathways. Epoxy was applied to concrete surfaces of all masonry joints directly beneath the removed caulking materials, to vertical concrete surfaces beneath and adjacent to masonry joints, and to vertical columns at the ends of each building. The epoxy was extended along each of these vertical surfaces to the first 90-degree surface angle away from the impacted joint. Epoxy was also applied to the first two rows of bricks beneath horizontal joints (metal to brick window joints) and one full brick width adjacent to vertical masonry joints (concrete to brick). Concrete surfaces adjacent to the masonry joints and vertical concrete joints were coated with two layers of epoxy in contrasting colors. During the initial stages of the project, brick surfaces were also encapsulated using two contrasting layers of epoxy; however, due to aesthetic concerns, the approach was modified to include one layer of epoxy followed by the installation of a metal barrier over all brick surfaces. Proper epoxy application and coverage was verified by visual inspections after the first and second coats of epoxy followed by baseline performance wipe samples; metal panels were inspected to verify that they covered all portions of brick that had been encapsulated with epoxy.

The concrete balconies (96 balconies total) were subject to characterization sampling in accordance with Condition 12 of the Approval. Forty-two balconies were identified for decontamination after analytical results indicated that PCBs were present at concentrations greater than or very near the 1 ppm cleanup level. Balconies were decontaminated by applying, scrubbing, and rinsing off a chemical extraction solvent (CAPSUR). After initial decontamination and verification sampling, analytical results indicated that removal efficiencies were variable and inconsistent, with PCB concentrations either increasing, decreasing, or remaining relatively steady. After troubleshooting and decontamination process revisions, additional cleaning was followed by additional verification sampling, which indicated that most locations contained total PCBs at concentrations less than 1 ppm cleanup level; however, a total of 30 balconies still contained PCBs > 1 ppm. These 30 balconies were subsequently encapsulated using either two coats of an acrylic clear coating (24 balconies with PCBs > 1 and < 5 ppm) or two coats of epoxy (6 balconies with PCBs > 5 ppm). Post-encapsulation baseline wipe samples confirmed that all surfaces were non-detect for PCBs.

After the caulking removal and surface encapsulation phases of building remediation work were complete, soil excavation activities were implemented to remove soils containing PCBs in exceedance of the 1 ppm cleanup level.

Soils were excavated from predetermined areas on the courtyard and street sides of the buildings to an initial depth of 12 inches below ground surface. After the initial limits of excavation were achieved, verification samples were collected on a 1.5-meter sampling grid in accordance with Subpart O requirements. If results indicated that the 1 ppm cleanup level had not been met, additional soil removal and verification sampling was conducted until cleanup levels were met in all portions of the Site. Certain removal areas required up to four rounds of excavation (initial removal depth of 12 inches, subsequent excavations removing another 6 inches at a time), resulting in a final excavation depth ranging between 12 and 30 inches below ground surface. The volume of in-place soils excavated from the Site totaled 425 cubic yards. The average concentration of PCBs in the verification samples collected at the final base of excavation from all areas was 0.30 ppm.

All PCB wastes generated in association with remediation activities were stored, marked, and managed in accordance with 40 CFR 761.65 and 40 CFR 761.40. A total of 3,114 kg of hazardous PCB waste contained in 63 drums and 1,594 kg of decontamination liquids contained in 11 drums were removed for off-site disposal at Chemical Waste Management's Model City facility (solids) or Chemical Waste Management's Port Arthur, Texas incinerator (liquids). A total of 38 trucks (each carrying a single roll-off) delivered 674 tons of PCB containing soils (< 50 ppm) to Waste Management's TREE facility.

Site restoration activities included the installation of new caulking in building joints, removing excess epoxy where it had traveled beyond the limits of application, cleaning interior window ledges in each apartment unit, and ground surface restoration including backfilling, seeding, and landscaping former excavation or equipment travel areas.

Long term monitoring and maintenance sampling activities at the Site will be conducted in accordance with the MMIP. Representative surface wipe samples will be collected from the encapsulated areas, including both horizontal and vertical encapsulated surfaces. In addition to sampling, a semi-annual visual inspection of the encapsulated surfaces will be conducted in the Spring and Fall of each year. Results of the sampling and inspections will be reported annually to the EPA.

As demonstrated by the results of the removal activities and verification data, the remediation work conducted met the conditions of the Approval. The combination of remedial techniques applied at the Site was successful at removing PCB containing caulking and eliminating the former exposure pathway, thereby mitigating both any potential for PCB transfer via direct contact and any potential for remaining materials to act as an ongoing source to other media/materials. The remediation work conducted is intended to serve as a long-term interim solution with implementation of the MMIP to ensure that the containment technologies continue to perform as designed. All areas containing residual concentrations of PCBs will be managed and properly disposed of at the time of building demolition/renovation.

Table 2.2A

Estimates of the Quantity, Types, and Locations of Caulking Removed
MIT W85 Westgate – Final Completion Report

Caulking Type and Estimate of Quantity	Location Description Building ABC	Location Description Building DE	Location Description Building FG	Location Description Building HJK
Masonry Joints	**North End** Concrete/Brick = 2 vertical joints, 25 feet in length = 50 l.f. **West Side** Concrete/Concrete = 24 vertical joints, 1.3 feet in length = 31 l.f. Concrete/Brick = 24 vertical joints, 1.3 feet in length = 31 l.f. **East Side** Concrete/Concrete = 6 vertical joints, 1 foot in length = 6 l.f. Concrete/Brick = 18 vertical joints, 1 foot in length = 18 l.f. 18 vertical joints, 3.2 feet in length = 58 l.f. **Total = 194 l.f.**	**West End** Concrete/Brick = 2 vertical joints, 25 feet in length = 50 l.f. **East End** Concrete/Brick = 2 vertical joints, 25 feet in length = 50 l.f. **North Side** Concrete/Concrete = 24 vertical joints, 1.3 feet in length = 31 l.f. Concrete/Brick = 24 vertical joints, 1.3 feet in length = 31 l.f. **South Side** Concrete/Concrete = 4 vertical joints, 1 foot in length = 4 l.f. Concrete/Brick = 12 vertical joints, 1 foot in length = 12 l.f. 12 vertical joints, 3.2 feet in length = 38 l.f. **Total = 216 l.f.**	**West End** Concrete/Brick = 2 vertical joints, 25 feet in length = 50 l.f. **East End** Concrete/Brick = 2 vertical joints, 25 feet in length = 50 l.f. **North Side** Concrete/Concrete = 24 vertical joints, 1.3 feet in length = 31 l.f. Concrete/Brick = 24 vertical joints, 1.3 feet in length = 31 l.f. Weep Line = 12 horizontal joints,14 feet in length = 168 l.f. **South Side** Concrete/Concrete = 4 vertical joints, 1 foot in length = 4 l.f. Concrete/Brick = 12 vertical joints, 1 foot in length = 12 l.f. 12 vertical joints, 3.2 feet in length = 38 l.f. Weep Line = 8 horizontal joints, 14 feet in length = 112 l.f. 4 horizontal joints, 8.3 feet in length = 33 l.f. **Total = 529 l.f.**	**South End** Concrete/Brick = 2 vertical joints, 25 feet in length = 50 l.f. **North End** Concrete/Brick = 2 vertical joints, 25 feet in length = 50 l.f. **West Side** Concrete/Concrete = 36 vertical joints, 1.3 feet in length = 47 l.f. Concrete/Brick = 36 vertical joints, 1.3 feet in length = 47 l.f. Weep Line = 12 horizontal joints, 14 feet in length = 168 l.f. 6 horizontal joints, 8.3 feet in length = 50 l.f. **East Side** Concrete/Concrete = 6 vertical joints, 1 foot in length = 6 l.f. Concrete/Brick = 18 vertical joints, 1 foot in length = 18 l.f. 18 vertical joints, 3.2 feet in length = 58 l.f. Weep Line = 18 horizontal joints, 14 feet in length = 252 l.f. **Total = 746 l.f.**
Window Joints	**West Side** Concrete/Metal = 32 vertical joints, 6.2 feet in length = 198 l.f. 48 horizontal joints, 3.6 feet in length = 173 l.f. 8 horizontal joints, 8.3 feet in length = 66 l.f. 12 horizontal joints, 14 feet in length = 168 l.f. Brick/Metal = 24 vertical joints, 1.8 feet in length = 43 l.f. 12 horizontal joints, 14 feet in length = 168 l.f. Metal/Metal = 24 vertical joints, 6.2 feet in length = 149 l.f. 48 vertical joints, 4.4 feet in length = 211 l.f. 24 horizontal joints, 3.4 feet in length = 82 l.f. 12 horizontal joints, 14 feet in length = 168 l.f 4 horizontal joints, 8.3 feet in length = 33 l.f. **East Side** Concrete/Metal = 18 vertical joints, 5.6 feet in length = 101 l.f. 18 vertical joints, 7.8 feet in length = 140 l.f. 6 horizontal joints, 8.3 feet in length = 50 l.f. 24 horizontal joints, 12.4 feet in length = 298 l.f. 24 horizontal joints, 13 feet in length = 312 l.f. Brick/Metal = 18 vertical joints, 2.3 feet in length = 41 l.f. 6 horizontal joints, 8.3 feet in length = 50 l.f. 12 horizontal joints, 13 feet in length = 156 l.f. Metal/Metal = 18 vertical joints, 6.1 feet in length = 110 l.f. 18 vertical joints, 4.4 feet in length = 79 l.f. 18 horizontal joints, 12.8 feet in length = 230 l.f. 6 horizontal joints, 8.3 feet in length = 50 l.f 12 horizontal joints, 12.8 feet in length = 154 l.f. **Total = 3230 l.f.**	**North Side** Concrete/Metal = 32 vertical joints, 6.2 feet in length = 198 l.f. 48 horizontal joints, 3.6 feet in length = 173 l.f. 8 horizontal joints, 8.3 feet in length = 66 l.f. 12 horizontal joints, 14 feet in length = 168 l.f. Brick/Metal = 24 vertical joints, 1.8 feet in length = 43 l.f. 12 horizontal joints, 14 feet in length = 168 l.f. Metal/Metal = 24 vertical joints, 6.2 feet in length = 149 l.f. 48 vertical joints, 4.4 feet in length = 211 l.f. 24 horizontal joints, 3.4 feet in length = 82 l.f. 12 horizontal joints, 14 feet in length = 168 l.f 4 horizontal joints, 8.3 feet in length = 33 l.f. **South Side** Concrete/Metal = 12 vertical joints, 5.6 feet in length = 67 l.f. 12 vertical joints, 7.8 feet in length = 94 l.f. 4 horizontal joints, 8.3 feet in length = 33 l.f. 16 horizontal joints, 12.4 feet in length = 198 l.f. 16 horizontal joints, 13 feet in length = 208 l.f. Brick/Metal = 12 vertical joints, 2.3 feet in length = 28 l.f. 4 horizontal joints, 8.3 feet in length = 33 l.f. 8 horizontal joints, 13 feet in length = 104 l.f. Metal/Metal = 12 vertical joints, 6.1 feet in length = 73 l.f. 12 vertical joints, 4.4 feet in length = 53 l.f. 12 horizontal joints, 12.8 feet in length = 154 l.f. 4 horizontal joints, 8.3 feet in length = 33 l.f 8 horizontal joints, 12.8 feet in length = 102 l.f. **Total = 2639 l.f.**	**North Side** Concrete/Metal = 32 vertical joints, 6.2 feet in length = 198 l.f. 48 horizontal joints, 3.6 feet in length = 173 l.f. 8 horizontal joints, 8.3 feet in length = 66 l.f. 12 horizontal joints, 14 feet in length = 168 l.f. Brick/Metal = 24 vertical joints, 1.8 feet in length = 43 l.f. 12 horizontal joints, 14 feet in length = 168 l.f. Metal/Metal = 24 vertical joints, 6.2 feet in length = 149 l.f. 48 vertical joints, 4.4 feet in length = 211 l.f. 24 horizontal joints, 3.4 feet in length = 82 l.f. 12 horizontal joints, 14 feet in length = 168 l.f 4 horizontal joints, 8.3 feet in length = 33 l.f. **South Side** Concrete/Metal = 12 vertical joints, 5.6 feet in length = 67 l.f. 12 vertical joints, 7.8 feet in length = 94 l.f. 4 horizontal joints, 8.3 feet in length = 33 l.f. 16 horizontal joints,12.4 feet in length = 198 l.f. 16 horizontal joints, 13 feet in length = 208 l.f. Brick/Metal = 12 vertical joints, 2.3 feet in length = 28 l.f. 4 horizontal joints, 8.3 feet in length = 33 l.f. 8 horizontal joints, 13 feet in length = 104 l.f. Metal/Metal = 12 vertical joints, 6.1 feet in length = 73 l.f. 12 vertical joints, 4.4 feet in length = 53 l.f. 12 horizontal joints,12.8 feet in length = 154 l.f. 4 horizontal joints, 8.3 feet in length = 33 l.f 8 horizontal joints, 12.8 feet in length = 102 l.f. **Total = 2639 l.f.**	**West Side** Concrete/Metal = 48 vertical joints, 6.2 feet in length = 298 l.f. 72 horizontal joints, 3.6 feet in length = 259 l.f. 12 horizontal joints, 8.3 feet in length = 100 l.f. 18 horizontal joints, 14 feet in length = 252 l.f. Brick/Metal = 36 vertical joints, 1.8 feet in length = 65 l.f. 18 horizontal joints, 14 feet in length = 252 l.f. Metal/Metal = 36 vertical joints, 6.2 feet in length = 223 l.f. 72 vertical joints, 4.4 feet in length = 317 l.f. 36 horizontal joints, 3.4 feet in length = 122 l.f. 18 horizontal joints, 14 feet in length = 252 l.f 6 horizontal joints, 8.3 feet in length = 50 l.f. **East Side** Concrete/Metal = 18 vertical joints, 5.6 feet in length = 101 l.f. 18 vertical joints, 7.8 feet in length = 140 l.f. 6 horizontal joints, 8.3 feet in length = 50 l.f. 24 horizontal joints, 12.4 feet in length = 298 l.f. 24 horizontal joints, 13 feet in length = 312 l.f. Brick/Metal = 18 vertical joints, 2.3 feet in length = 41 l.f. 6 horizontal joints, 8.3 feet in length = 50 l.f. 12 horizontal joints, 13 feet in length = 156 l.f. Metal/Metal = 18 vertical joints, 6.1 feet in length = 110 l.f. 18 vertical joints, 4.4 feet in length = 79 l.f. 18 horizontal joints, 12.8 feet in length = 230 l.f. 6 horizontal joints, 8.3 feet in length = 50 l.f 12 horizontal joints, 12.8 feet in length = 154 l.f. **Total = 3961 l.f.**
Door Joints	**West Side** Concrete/Metal = 4 vertical joints, 7.8 feet in length = 31 l.f. 2 horizontal joints, 8.3 feet in length = 17 l.f. **East Side** Concrete/Metal = 6 vertical joints, 10.3 feet in length = 62 l.f. 3 horizontal joints, 8.3 feet in length = 25 l.f. **Total = 135 l.f.**	**North Side** Concrete/Metal = 4 vertical joints, 7.8 feet in length = 31 l.f. 2 horizontal joints, 8.3 feet in length = 17 l.f. **South Side** Concrete/Metal = 4 vertical joints, 10.3 feet in length = 41 l.f. 2 horizontal joints, 8.3 feet in length = 17 l.f. **Total = 106 l.f.**	**North Side** Concrete/Metal = 4 vertical joints, 7.8 feet in length = 31 l.f. 2 horizontal joints, 8.3 feet in length = 17 l.f. **East Side** Concrete/Metal = 4 vertical joints, 10.3 feet in length = 41 l.f. 2 horizontal joints, 8.3 feet in length = 17 l.f. **Total = 106 l.f.**	**West Side** Concrete/Metal = 6 vertical joints, 7.8 feet in length = 47 l.f. 3 horizontal joints, 8.3 feet in length = 25 l.f. **East Side** Concrete/Metal = 6 vertical joints, 10.3 feet in length = 62 l.f. 3 horizontal joints, 8.3 feet in length = 25 l.f. **Total = 159 l.f.**
Totals	**3559 l.f.**	**2961 l.f.**	**3274 l.f.**	**4866 l.f.**

Notes:
1. All quantities have been rounded (each joint length to the nearest 0.1 foot; linear feet of caulking to the nearest 1 foot).
2. Door Joints include building entrances only and not balcony entrances (included in this estimate as Window Joints, due to similar frame type).

Table 2.2B
Summary of Metal to Metal Joint Wipe Sample Verification Results
MIT W85 Westgate - Final Completion Report

Building	Unit	Side	Date	Sample ID	Result	Actions
A	A1	Street	--	--	--	--
		Courtyard	09/24/08	A1C-MWS-151	1.0	None
	A2	Street	--	--	--	--
		Courtyard	09/24/08	A2C-MWS-152	30	Reclean
			10/07/08	A2C-MWS-164	1.7	None
	A3	Street	--	--	--	--
		Courtyard	09/24/08	A3C-MWS-154	7.7	None
	A4	Street	--	--	--	--
		Courtyard	09/24/08	A4C-MWS-148	37	Reclean
			10/07/08	A4C-MWS-165	0.5	None
	A5	Street	--	--	--	--
		Courtyard	09/24/08	A5C-MWS-155	6.1	None
	A6	Street	--	--	--	--
		Courtyard	09/24/08	A6C-MWS-156	2.1	None
	Stairwell Windows	Street	--	--	--	--
		Courtyard	--	--	--	--
B	B1	Street	08/01/08	B1S-MWS-049	106	Reclean
			08/19/08	B1S-MWS-092	0.2 J	
		Courtyard	09/25/08	B1C-MWS-157	49	Reclean
			10/07/08	B1C-MWS-166	0.2 J	
	B2	Street	08/01/08	B2S-MWS-048	26	Reclean
			08/19/08	B2S-MWS-095	3.1	
		Courtyard	09/25/08	B2C-MWS-158	5.7	
	B3	Street	08/01/08	B3S-MWS-047	26	Reclean
			08/19/08	B3S-MWS-093	<0.5	
		Courtyard	09/24/08	B3C-MWS-150	14	Reclean
			10/07/08	B3C-MWS-167	1.8	
	B4	Street	08/01/08	B4S-MWS-046	8.7 J	
		Courtyard	09/24/08	B4C-MWS-149	25	Reclean
			10/07/08	B4C-MWS-168	1.6	
	B5	Street	08/01/08	B5S-MWS-045	29	Reclean
			08/19/08	B5S-MWS-094	0.6	
		Courtyard	09/24/08	B5C-MWS-147	6.9	
	B6	Street	08/01/08	B6S-MWS-052	22	Reclean
			08/19/08	B6S-MWS-096	1.8	
		Courtyard	09/24/08	B6C-MWS-153	5.9	
	Stairwell Windows	Street	08/01/08	BWS-MWS-051	13	Reclean
			08/19/08	BWS-MWS-097	0.9	
		Courtyard	--	--	--	--
C	C1	Street	07/29/08	C1S-MWS-041	71	Reclean
			08/14/08	C1S-MWS-074	1.0	
		Courtyard	09/25/08	C1C-MWS-159	38.0	Reclean
			10/07/08	C1C-MWS-169	1.0	
	C2	Street	07/30/08	C2S-MWS-042	2.8	
		Courtyard	09/25/08	C2C-MWS-160	121	Reclean
			10/07/08	C2C-MWS-170	1.4	
	C3	Street	07/29/08	C3S-MWS-040	69 J	Reclean
			08/19/08	C3S-MWS-088	0.4 J	
		Courtyard	09/25/08	C3C-MWS-161	58	Reclean
			10/07/08	C3C-MWS-171	0.9	
	C4	Street	07/30/08	C4S-MWS-043	4.6	
		Courtyard	09/25/08	C4C-MWS-162	293	Reclean
			10/07/08	C4C-MWS-172	1.7	
	C5	Street	07/29/08	C5S-MWS-039	40 J	Reclean
			08/19/08	C5S-MWS-089	0.4 J	
		Courtyard	09/25/08	C5C-MWS-163	19 J	Reclean
			10/07/08	C5C-MWS-173	0.3 J	
	C6	Street	07/30/08	C6S-MWS-044	11	Reclean
			08/19/08	C6S-MWS-091	<0.5	
		Courtyard	09/25/08	C6C-MWS-164	70	Reclean
			10/07/08	C6C-MWS-174	0.3 J	
	Stairwell Windows	Street	08/01/08	CWS-MWS-050	20	Reclean
			08/19/08	CWS-MWS-090	0.9	
		Courtyard	--	--	--	--

Table 2.2B
Summary of Metal to Metal Joint Wipe Sample Verification Results
MIT W85 Westgate - Final Completion Report

Building	Unit	Side	Date	Sample ID	Result	Actions
D	D1	Street	08/01/08	D1S-MWS-062	95	Reclean
			08/19/08	D1S-MWS-081	<0.5	
		Courtyard	09/18/08	D1C-MWS-130	2.0 J	
	D2	Street	08/01/08	D2S-MWS-066	17	Reclean
			08/19/08	D2S-MWS-085	1.4	
		Courtyard	09/18/08	D2C-MWS-131	16 J	Reclean
			10/01/08	D2C-MWS-157	<0.5	
	D3	Street	08/01/08	D3S-MWS-061	146	Reclean
			08/19/08	D3S-MWS-082	0.7	
		Courtyard	09/18/08	D3C-MWS-132	1.7 J	
	D4	Street	08/01/08	D4S-MWS-065	100	Reclean
			08/19/08	D4S-MWS-086	<0.5	
		Courtyard	09/18/08	D4C-MWS-133	6.1 J	
	D5	Street	08/01/08	D5S-MWS-060	36	Reclean
			08/19/08	D5S-MWS-083	0.3J	
		Courtyard	09/18/08	D5C-MWS-134	6.9	
	D6	Street	08/01/08	D6S-MWS-064	52	Reclean
			08/19/08	D6S-MWS-087	0.9 J	
		Courtyard	09/18/08	D6C-MWS-135	23 J	Reclean
			10/01/08	D6C-MWS-158	0.6	
	Stairwell Windows	Street	08/01/08	DWS-MWS-063	105	Reclean
			08/19/08	DWS-MWS-084	0.8	
		Courtyard	--	--	--	--
E	E1	Street	08/01/08	E1S-MWS-055	16	Reclean
			08/19/08	E1S-MWS-075	0.6	
		Courtyard	09/18/08	E1C-MWS-136	6.4	
	E2	Street	08/01/08	E2S-MWS-059	4.6	
		Courtyard	09/18/08	E2C-MWS-137	24 J	Reclean
			10/01/08	E2C-MWS-159	0.6	
	E3	Street	08/01/08	E3S-MWS-054	31	Reclean
			08/19/08	E3S-MWS-076	0.6	
		Courtyard	09/18/08	E3C-MWS-138	13 J	Reclean
			10/01/08	E3C-MWS-160	<0.5	
	E4	Street	08/01/08	E4S-MWS-058	19	Reclean
			08/19/08	E4S-MWS-079	0.3 J	
		Courtyard	09/18/08	E4C-MWS-139	10 J	Reclean
			10/01/08	E4C-MWS-161	0.7	
	E5	Street	08/01/08	E5S-MWS-053	56	Reclean
			08/19/08	E5S-MWS-077	<0.5	
		Courtyard	09/18/08	E5C-MWS-140	12	Reclean
			10/01/08	E5C-MWS-162	<0.5	
	E6	Street	08/01/08	E6S-MWS-057	13	Reclean
			08/19/08	E6S-MWS-080	<0.5	
		Courtyard	09/18/08	E6C-MWS-141	46 J	Reclean
			10/01/08	E6C-MWS-163	2.3	
	Stairwell Windows	Street	08/01/08	EWS-MWS-056	40	Reclean
			08/19/08	EWS-MWS-078	0.5	
		Courtyard	--	--	--	--

Table 2.2B
Summary of Metal to Metal Joint Wipe Sample Verification Results
MIT W85 Westgate - Final Completion Report

Building	Unit	Side	Date	Sample ID	Result	Actions
F	F1	Street	07/22/08	F1S-MWS-025	0.8 J	
		Courtyard	09/15/08	F1C-MWS-128	12.0	Reclean
			09/23/08	F1C-MWS-142	4.4 J	
	F2	Street	07/22/08	F2S-MWS-026	26 J	Reclean
			08/01/08	F2S-MWS-072	2.1 J	
		Courtyard	09/15/08	F2C-MWS-129	1.3	
	F3	Street	07/22/08	F3S-MWS-029	17 J	Reclean
			08/01/08	F3S-MWS-071	1.4	
		Courtyard	09/11/08	F3C-MWS-126	9.3 J	
	F4	Street	07/22/08	F4S-MWS-031	7.5 J	
		Courtyard	09/11/08	F4C-MWS-125	4.7 J	
	F5	Street	07/22/08	F5S-MWS-028	16 J	Reclean
			08/01/08	F5S-MWS-070	5.7 J	
		Courtyard	09/11/08	F5C-MWS-127	0.9 J	
	F6	Street	07/22/08	F6S-MWS-030	< 3.2 UJ	
		Courtyard	09/11/08	F6C-MWS-124	12 J	Reclean
			09/23/08	F6C-MWS-143	0.5 J	
	Stairwell Windows	Street	08/01/08	FWS-MWS-073	4.2 J	
		Courtyard	--	--	--	--
G	G1	Street	07/22/08	G1S-MWS-023	2.0 J	
		Courtyard	09/11/08	G1C-MWS-118	7.0	
	G2	Street	07/22/08	G2S-MWS-024	9.3 J	
		Courtyard	09/11/08	G2C-MWS-119	4.2 J	
	G3	Street	07/15/08	G3S-MWS-009	16 J	Reclean
			07/22/08	G3S-MWS-034	3.0 J	
		Courtyard	09/11/08	G3C-MWS-120	14 J	Reclean
			09/23/08	G3C-MWS-144	0.7 J	
	G4	Street	07/16/08	G4S-MWS-011	3.4 J	
		Courtyard	09/11/08	G4C-MWS-121	26 J	Reclean
			09/23/08	G4C-MWS-145	0.9 J	
	G5	Street	07/15/08	G5S-MWS-008	12 J	Reclean
			07/22/08	G5S-MWS-033	22 J	Reclean
			08/01/08	G5S-MWS-069	7.9	
		Courtyard	09/11/08	G5C-MWS-122	8.9 J	
	G6	Street	07/16/08	G6S-MWS-010	2.5	
		Courtyard	09/11/08	G6C-MWS-123	7.5 J	
			09/23/08	G6C-MWS-146	0.5 J	
	Stairwell Windows	Street	07/22/08	GWS-MWS-032	3.4 J	
		Courtyard	--	--	--	--

Table 2.2B
Summary of Metal to Metal Joint Wipe Sample Verification Results
MIT W85 Westgate - Final Completion Report

Building	Unit	Side	Date	Sample ID	Result	Actions
H	H1	Street	07/22/08	H1S-MWS-022	1.5 J	
		Courtyard	09/04/08	H1C-MWS-110	< 2.1 UJ	
	H2	Street	07/22/08	H2S-MWS-027	16 J	Reclean
			08/01/08	H2S-MWS-067	1.6	
		Courtyard	09/04/08	H2C-MWS-111	18	Reclean
			09/18/08	H2C-MWS-143	0.8 J	
	H3	Street	07/22/08	H3S-MWS-034	3.5 J	
		Courtyard	09/04/08	H3C-MWS-112	< 2.6 UJ	
	H4	Street	07/22/08	H4S-MWS-038	1.9 J	
		Courtyard	09/04/08	H4C-MWS-113	< 2.1 UJ	
	H5	Street	07/22/08	H5S-MWS-033	0.4 J	
		Courtyard	09/04/08	H5C-MWS-114	< 2.8 UJ	
	H6	Street	07/22/08	H6S-MWS-037	8.2 J	
		Courtyard	09/04/08	H6C-MWS-115	17	Reclean
			09/18/08	H6C-MWS-142	0.6	
	Stairwell Windows	Street	08/01/08	HWS-MWS-068	4.4 J	
		Courtyard	--	--	--	--
J	J1	Street	07/21/08	J1S-MWS-020	1.0	
		Courtyard	08/29/08	J1C-MWS-108	13	Reclean
			09/11/08	J1C-MWS-117	2.6 J	
	J2	Street	07/15/08	J2S-MWS-007	< 6.0 UJ	
		Courtyard	09/04/08	J2C-MWS-107	< 1.5 UJ	
	J3	Street	07/21/08	J3S-MWS-019	4.9	
		Courtyard	08/29/08	J3C-MWS-106	30 J	Reclean
			09/11/08	J3C-MWS-116	2.9 J	
	J4	Street	07/22/08	J4S-MWS-036	0.7	
		Courtyard	09/04/08	J4C-MWS-105	< 0.7 UJ	
	J5	Street	07/21/08	J5S-MWS-018	0.4 J	
		Courtyard	08/29/08	J5C-MWS-104	9.7	
	J6	Street	07/22/08	J6S-MWS-035	0.8 J	
		Courtyard	08/29/08	J6C-MWS-109	7.7	
	Stairwell Windows	Street	07/21/08	JWS-MWS-021	4.2 J	
		Courtyard	--	--	--	--
K	K1	Street	07/15/08	K1S-MWS-006	0.8	
		Courtyard	08/29/08	K1C-MWS-098	2.6	
	K2	Street	07/21/08	K2S-MWS-017	8.4 J	
		Courtyard	08/29/08	K2C-MWS-103	9.2	
	K3	Street	07/15/08	K3S-MWS-005	2.3 J	
		Courtyard	08/29/08	K3C-MWS-102	1.3 J	
	K4	Street	07/21/08	K4S-MWS-016	4 J	
		Courtyard	08/29/08	K4C-MWS-101	1.2	
	K5	Street	07/18/08	K5S-MWS-014	1.2 J	
		Courtyard	08/29/08	K5C-MWS-100	5.6	
	K6	Street	07/18/08	K6S-MWS-012	<0.5	
			07/21/08	K6S-MWS-015	0.8	
		Courtyard	08/29/08	K6C-MWS-099	1.5	
	Stairwell Windows	Street	07/15/08	KWS-MWS-004	4.6	
		Courtyard	--	--	--	--

Notes:
All samples extracted by Soxhlet Method 3540C and analyzed by USEPA Method 8082.
All PCB detections were reported as Aroclor 1254; no other Aroclors were reported.
Wipe sample results are presented in micrograms per 100 square centimeters (µg/100cm^2).
A "--" indicates that no sample was collected at this location.
J: Analytical results are qualified as estimated based on data validation.
U: Analytical results are qualified as estimated and non-detect based on data validation.

Table 2.3A

Summary of Baseline Sampling Results - Vertical Surfaces
MIT Westgate W85 - Final Completion Report

Building Side	Pre-Encapsulation (Bulk Samples)				Post-Encapsulation (Surface Wipe Samples)			
	Date	Sample ID	Sample Description	Result (mg/kg)	Date	Sample ID	Sample Description	Result (ug / 100cm^2)
Concrete Joints (non-windows) in direct contact with caulking and adjacent brick face; vertical joints								
ABC (Streetside)	08/26/08	B3S-WCS-018	Concrete	2,210 J	09/02/08	B3S-EWS-018	Epoxy within vacant joint	1 J
ABC (Courtyard)	09/24/08	C2C-WCS-042	Concrete	3,690	10/07/08	C2C-EWS-041	Epoxy within vacant joint	<0.5
DE (Streetside)	08/20/08	E1S-WCS-011	Concrete	1,240 J	08/28/08	E1S-EWS-011	Epoxy within vacant joint	< 0.5
DE (Courtyard)	09/18/08	D2C-WCS-037	Concrete	2,670	09/30/08	D2C-EWS-036	Epoxy within vacant joint	< 0.5
FG (Streetside)	07/25/08	F2S-WCS-008	Concrete	1,500 J	08/20/08	F2S-EWS-008	Epoxy within vacant joint	0.6
FG (Courtyard)	09/05/08	G1C-WCS-030	Concrete	1,790	09/18/08	G1C-EWS-034	Epoxy within vacant joint	< 0.5
HJK (Streetside)	07/25/08	J2S-WCS-003	Concrete	1,460 J	08/08/08	J2S-EWS-003	Epoxy within vacant joint	< 0.5 J
HJK (Courtyard)	09/02/08	H1C-WCS-026	Concrete	1,240	09/15/08	H1C-EWS-027	Epoxy within vacant joint	<0.5
End of building	08/26/08	C3S-WCS-021	Concrete	1,470	09/02/08	C3S-EWS-021	Epoxy within vacant joint	1.0
End of building	08/20/08	D4S-WCS-016	Concrete	2,400 J	08/28/08	D4S-EWS-016	Epoxy within vacant joint	< 0.5
End of building	07/25/08	G1E-WCS-010	Concrete	5,400 J	08/20/08	G1S-EWS-010	Epoxy within vacant joint	0.2 J
End of building	09/02/08	H2C-WCS-027	Concrete	1,990	09/15/08	H2C-EWS-030	Epoxy within vacant joint	< 0.5
Concrete Window/door joints; vertical and horizontal joints in direct contact with caulking								
ABC (Streetside)	08/26/08	C3S-WCS-017	Concrete	541 J	09/02/08	C3S-EWS-017	Epoxy within vacant joint	1.3 J
					04/01/09	C3S-EWS-045	Caulking over epoxy joint	4.7 J
ABC (Streetside)	08/26/08	B6S-WCS-019	Concrete	673 J	09/02/08	B6S-EWS-019	Epoxy within vacant joint	1.3 J
					04/01/09	B6S-EWS-046	Caulking over epoxy joint	12
ABC (Streetside)	08/03/07	CC-135	Concrete	897	09/02/08	A2S-EWS-023	Epoxy within vacant joint	0.9
ABC (Courtyard)	09/24/08	C1C-WCS-038	Concrete	750	10/07/08	C1C-EWS-040	Epoxy within vacant joint	0.6
ABC (Courtyard)	09/24/08	B3C-WCS-039	Concrete	7.57	10/07/08	B3C-EWS-042	Epoxy within vacant joint	<0.5
ABC (Courtyard)	09/24/08	A2C-WCS-040	Concrete	206 J	10/07/08	A2C-EWS-044	Epoxy within vacant joint	1.4 J
					04/01/09	A2C-EWS-047	Caulking over epoxy joint	1.5 J
DE (Streetside)	08/20/08	E3S-WCS-012	Concrete	191 J	08/28/08	E3S-EWS-012	Epoxy within vacant joint	0.4 J
DE (Streetside)	08/20/08	D1S-WCS-013	Concrete	3,010 J	08/28/08	D1S-EWS-013	Epoxy within vacant joint	< 0.5
DE (Courtyard)	09/18/08	E4C-WCS-034	Concrete	1.14	09/30/08	E4C-EWS-037	Epoxy within vacant joint	<0.5
DE (Courtyard)	09/18/08	D1C-WCS-036	Concrete	4,640	09/30/08	D1C-EWS-038	Epoxy within vacant joint	<0.5
FG (Streetside)	07/25/08	F6S-WCS-007	Concrete	402 J	08/20/08	F6S-EWS-007	Epoxy within vacant joint	1.1
					04/01/09	F6S-EWS-048	Caulking over epoxy joint	0.7 J
FG (Streetside)	07/25/08	G1S-WCS-006	Concrete	757 J	08/20/08	G1S-EWS-006	Epoxy within vacant joint	4.8 J
					04/01/09	G1S-EWS-049	Caulking over epoxy joint	3.5
FG (Courtyard)	09/05/08	G5C-WCS-032	Concrete	893 J	09/18/08	G5C-EWS-032	Epoxy within vacant joint	0.8 J
FG (Courtyard)	09/05/08	F1C-WCS-033	Concrete	0.74	09/18/08	F1C-EWS-035	Epoxy within vacant joint	<0.5
HJK (Streetside)	07/25/08	H5S-WCS-005	Concrete	4,360 J	08/12/08	H5S-EWS-004	Epoxy within vacant joint	0.4 J
HJK (Streetside)	07/25/08	J5S-WCS-004	Concrete	0.5 J	08/13/08	J5S-EWS-005	Epoxy within vacant joint	< 0.5
HJK (Streetside)	07/18/08	K3S-WCS-001	Concrete	80.1 J	08/08/08	K3S-EWS-001	Epoxy within vacant joint	< 0.5 J
HJK (Courtyard)	09/02/08	K5C-WCS-022	Concrete	854	09/15/08	K5C-EWS-024	Epoxy within vacant joint	0.3 J
HJK (Courtyard)	09/02/08	J1C-WCS-023	Concrete	1,930	09/05/08	J1C-EWS-026	Epoxy within vacant joint	< 0.5
HJK (Courtyard)	09/02/08	H4C-WCS-024	Concrete	1,980	09/15/08	H4C-EWS-028	Epoxy within vacant joint	0.7

Table 2.3A

Summary of Baseline Sampling Results - Vertical Surfaces
MIT Westgate W85 - Final Completion Report

Building Side	Pre-Encapsulation (Bulk Samples)				Post-Encapsulation (Surface Wipe Samples)			
	Date	Sample ID	Sample Description	Result (mg/kg)	Date	Sample ID	Sample Description	Result (ug / 100cm^2)
Concrete not in direct contact with caulking								
ABC (Streetside)	08/26/08	B2S-WCS-020	Concrete	5.07 J	09/02/08	B2S-EWS-020	Epoxy on vertical wall face	1.0
ABC (Courtyard)	09/24/08	A2C-WCS-041	Concrete	8.95 J	10/07/08	A2C-EWS-043	Epoxy on vertical wall face	0.4 J
DE (Streetside)	08/20/08	D6S-WCS-014	Concrete	145 J	08/28/08	D6S-EWS-014	Epoxy on vertical wall face	< 0.5
DE (Courtyard)	09/18/08	D1C-WCS-035	Concrete	36.9 J	09/30/08	D1C-EWS-039	Epoxy on vertical wall face	0.9
FG (Streetside)	07/25/08	F2S-WCS-009	Concrete	3.25 J	08/20/08	F2S-EWS-009	Epoxy on vertical wall face	0.4 J
FG (Courtyard)	09/05/08	G5C-WCS-031	Concrete	34.7 J	09/18/08	G5C-EWS-031	Epoxy on vertical wall face	< 0.5
HJK (Streetside)	07/18/08	K2S-WCS-002	Concrete	13.5 J	08/08/08	K2S-EWS-002	Epoxy on vertical wall face	< 0.5 J
HJK (Courtyard)	09/02/08	K2C-WCS-024	Concrete	94.9	09/15/08	K2C-EWS-025	Epoxy on vertical wall face	0.3 J
End of building	05/14/07	CC-107	Concrete	0.188	08/02/08	C1S-EWS-022	Epoxy on vertical wall face	0.9 J
End of building	08/20/08	D2S-WCS-015	Concrete	32.6 J	08/28/08	D2S-EWS-015	Epoxy on vertical wall face	0.7
End of building	09/05/08	G3C-WCS-029	Concrete	25.6	09/18/08	G3C-EWS-033	Epoxy on vertical wall face	< 0.5
End of building	09/02/08	H4C-WCS-028	Concrete	15	09/15/08	H4C-EWS-029	Epoxy on vertical wall face	< 0.5
Bricks adjacent to caulking								
ABC (Streetside)	--	--	--	--	10/17/08	B3S-BWS-007	Encapsulated brick (pre-metal barrier installation)	< 0.5
ABC (Courtyard)	--	--	--	--	10/07/08	A3C-BWS-004	Encapsulated brick (pre-metal barrier installation)	0.3 J
DE (Streetside)	--	--	--	--	10/17/08	E3S-BWS-006	Encapsulated brick (pre-metal barrier installation)	0.5
DE (Courtyard)	--	--	--	--	09/24/08	E1C-BWS-003	Encapsulated brick (pre-metal barrier installation)	<0.5
FG (Streetside)	--	--	--	--	10/17/08	G2S-BWS-005	Encapsulated brick (pre-metal barrier installation)	< 0.5
FG (Courtyard)	--	--	--	--	09/18/08	G3C-BWS-002	Encapsulated brick (pre-metal barrier installation)	2.6 J
HJK (Streetside)	--	--	--	--	10/07/08	K1S-BWS-005	Encapsulated brick (pre-metal barrier installation)	<0.5
HJK (Courtyard)	--	--	--	--	09/05/08	J3C-BWS-001	Encapsulated brick (pre-metal barrier installation)	0.7

Notes:

All samples extracted by 3540C and analyzed for PCBs by USEPA Method 8082.

J = Concentration is estimated based on data validation.

Table 2.4A

Summary of Balcony Concrete Sample Results
MIT W85 Westgate - Final Completion Report

			Pre-Decontamination			Post-Decontamination		
Building	**Unit**	**Building Side**	**Sample Date**	**Characterization Sample ID**	**Characterization Result**	**Sample Date**	**Verification Sample ID**	**Verification Result**
A	A1	Street	12/06/07	PT-CC20	**8.56**	11/04/08	A1S-BCS-162	**1.86**
		Courtyard	12/07/07	PT-CC33	0.755	--	N/A	N/A
			12/07/07	PT-CC32	<0.033	--		
	A2	Courtyard	12/07/07	PT-CC35	0.837	--	N/A	N/A
			12/07/07	PT-CC34	0.361	--		
	A3	Street	12/06/07	PT-CC19	0.204	--	N/A	N/A
		Courtyard	12/07/07	PT-CC27	0.205	--	N/A	N/A
			12/07/07	PT-CC28	0.147	--		
	A4	Courtyard	12/07/07	PT-CC31	0.287	--	N/A	N/A
			12/07/07	PT-CC30	0.623	--		
	A5	Street	12/06/07	PT-CC18	**5.32**	11/14/08	A5S-BCS-201	**5.00**
		Courtyard	12/07/07	PT-CC23	0.187	11/14/08	A5C-BCS-199	0.689
			12/07/07	PT-CC24	1.08	11/14/08	A5C-BCS-200	**1.35**
	A6	Courtyard	12/07/07	PT-CC25	0.271	--	N/A	N/A
			12/07/07	PT-CC26	0.311	--		
B	B1	Street	09/19/08	B1S-BCS-040	**9.7 (J)**	11/03/08	B1S-BCS-187	**2.0 (J)**
		Courtyard	10/09/08	B1C-BCS-108	0.462	--	N/A	N/A
			10/09/08	B1C-BCS-109	0.346 (J)	--		
	B2	Street	09/19/08	B2S-BCS-041	**1.40**	11/04/08	B2S-BCS-163	**2.53 (J)**
		Courtyard	10/09/08	B2C-BCS-110	0.425	--	N/A	N/A
			10/09/08	B2C-BCS-111	0.355	--		
	B3	Street	10/16/08	B3S-BCS-135	0.861 (J)	--	N/A	N/A
		Courtyard	10/09/08	B3C-BCS-112	0.111	--	N/A	N/A
			10/09/08	B3C-BCS-113	0.337	--		
	B4	Street	10/16/08	B4S-BCS-133	**1.54 (J)**	11/14/08	B4S-BCS-204	**2.26 (J)**
		Courtyard	10/09/08	B4C-BCS-114	0.345 (J)	--	N/A	N/A
			10/09/08	B4C-BCS-115	0.166	--		
	B5	Street	10/16/08	B5S-BCS-134	**4.0 (J)**	11/14/08	B5S-BCS-202	**6.380**
		Courtyard	10/09/08	B5C-BCS-116	0.641	--	N/A	N/A
			10/09/08	B5C-BCS-117	0.612 (J)	--		
	B6	Street	10/16/08	B6S-BCS-132	**8.29 (J)**	11/14/08	B6S-BCS-203	**3.99 (J)**
		Courtyard	10/09/08	B6C-BCS-118	0.270	11/14/08	B6C-BCS-197	0.712
			10/09/08	B6C-BCS-119	0.960	11/14/08	B6C-BCS-198	0.435
C	C1	Courtyard	10/09/08	C1C-BCS-120	0.179 (J)	--	N/A	N/A
			10/09/08	C1C-BCS-121	0.302 (J)	--		
	C2	Street	09/19/08	C2S-BCS-039	0.402 (J)	--	N/A	N/A
		Courtyard	10/09/08	C2C-BCS-122	0.343 (J)	--	N/A	N/A
			10/09/08	C2C-BCS-123	0.823 (J)	--		
	C3	Courtyard	10/09/08	C3C-BCS-124	0.824 (J)	--	N/A	N/A
			10/09/08	C3C-BCS-125	0.786 (J)	--		
	C4	Street	10/16/08	C4S-BCS-137	0.281 (J)	--	N/A	N/A
		Courtyard	10/09/08	C4C-BCS-126	**2.68 (J)**	11/04/08	C4C-BCS-166	0.511
			10/09/08	C4C-BCS-127	0.70 (J)	11/07/08	C4C-BCS-185	0.23 (J)
	C5	Courtyard	10/09/08	C5C-BCS-128	**1.91 (J)**	11/04/08	C5C-BCS-165	**1.83**
			10/09/08	C5C-BCS-129	1.07 (J)	11/07/08	C5C-BCS-186	0.586
	C6	Street	10/16/08	C6S-BCS-136	1.01 (J)	11/14/08	C6S-BCS-205	**38.2**
		Courtyard	10/09/08	C6C-BCS-130	0.866 (J)	11/07/08	C6C-BCS-187	0.583
			10/09/08	C6C-BCS-131	**1.35 (J)**	11/04/08	C6C-BCS-164	**5.38**

Table 2.4A

Summary of Balcony Concrete Sample Results
MIT W85 Westgate - Final Completion Report

			Pre-Decontamination			Post-Decontamination		
Building	**Unit**	**Building Side**	**Sample Date**	**Characterization Sample ID**	**Characterization Result**	**Sample Date**	**Verification Sample ID**	**Verification Result**
D	D1	Street	09/19/08	D1S-BCS-038	0.415	--	N/A	N/A
		Courtyard	10/09/08	D1C-BCS-084	0.384	11/07/08	D1C-BCS-175	0.367
			10/09/08	D1C-BCS-085	**1.13**	11/07/08	D1C-BCS-176	0.983
	D2	Courtyard	10/09/08	D2C-BCS-086	**1.71**	11/07/08	D2C-BCS-173	**1.91**
			10/09/08	D2C-BCS-087	0.356 (J)	11/07/08	D2C-BCS-174	0.431
	D3	Street	10/16/08	D3S-BCS-141	0.158 (J)	--	N/A	N/A
		Courtyard	10/09/08	D3C-BCS-088	0.125 (J)	--	N/A	N/A
			10/09/08	D3C-BCS-089	0.476 (J)	--		
	D4	Courtyard	10/09/08	D4C-BCS-090	**2.49**	11/07/08	D4C-BCS-177	**1.22**
			10/09/08	D4C-BCS-091	0.245	11/07/08	D4C-BCS-178	0.253
	D5	Street	10/16/08	D5S-BCS-140	**0.636 (J)**	11/14/08	D5S-BCS-206	0.395
		Courtyard	10/09/08	D5C-BCS-092	0.342 (J)	--	N/A	N/A
			10/09/08	D5C-BCS-093	0.267 (J)	--		
	D6	Courtyard	10/09/08	D6C-BCS-094	0.444 (J)	--	N/A	N/A
			10/09/08	D6C-BCS-095	0.379 (J)	--		
E	E1	Courtyard	10/09/08	E1C-BCS-096	0.976 (J)	11/04/08	E1C-BCS-188	**1.42 (J)**
			10/09/08	E1C-BCS-097	0.495 (J)	11/04/08	E1C-BCS-192	**2.89**
	E2	Street	09/19/08	E2S-BCS-037	**13.0**	11/03/08	E2S-BCS-189	**3.14**
		Courtyard	10/09/08	E2C-BCS-098	0.804 (J)	11/07/08	E2C-BCS-179	**6.38**
			10/09/08	E2C-BCS-099	**1.76**	11/07/08	E2C-BCS-180	0.460 (J)
	E3	Courtyard	10/09/08	E3C-BCS-100	**1.49 (J)**	11/07/08	E3C-BCS-181	**2.01**
			10/09/08	E3C-BCS-101	0.927	11/07/08	E3C-BCS-182	0.291
	E4	Street	10/16/08	E4S-BCS-143	**1.78 (J)**	11/14/08	E4S-BCS-207	0.956
		Courtyard	10/09/08	E4C-BCS-102	0.723	--	N/A	N/A
			10/09/08	E4C-BCS-103	0.407	--		
	E5	Courtyard	10/09/08	E5C-BCS-104	**2.71 (J)**	11/07/08	E5C-BCS-183	**2.00**
			10/09/08	E5C-BCS-105	0.517 (J)	11/07/08	E5C-BCS-184	0.116
	E6	Street	10/16/08	E6S-BCS-142	0.231 (J)	--	N/A	N/A
		Courtyard	10/09/08	E6C-BCS-106	0.125	--	N/A	N/A
			10/09/08	E6C-BCS-107	0.208	--		

Table 2.4A

Summary of Balcony Concrete Sample Results
MIT W85 Westgate - Final Completion Report

			Pre-Decontamination			Post-Decontamination		
Building	**Unit**	**Building Side**	**Sample Date**	**Characterization Sample ID**	**Characterization Result**	**Sample Date**	**Verification Sample ID**	**Verification Result**
F	F1	Street	09/19/08	F1S-BCS-036	0.65 (J)	--	N/A	N/A
		Courtyard	09/19/08	F1C-BCS-020	**1.19**	10/21/08	F1C-BCS-145	**1.82 (J)**
			09/19/08	F1C-BCS-021	0.382 (J)	10/21/08	F1C-BCS-144	0.088 (J)
	F2	Courtyard	09/19/08	F2C-BCS-022	0.313 (J)	10/21/08	F2C-BCS-147	0.436 (J)
			09/19/08	F2C-BCS-023	**6.78**	10/21/08	F2C-BCS-146	**9.18 (J)**
			--	--	**--**	11/05/08	F2C-BCS-167	**1.82**
	F3	Street	10/07/08	F3S-BCS-083	0.185 (J)	--	N/A	N/A
		Courtyard	09/19/08	F3C-BCS-024	**10.5**	10/21/08	F3C-BCS-148	**4.72 (J)**
			09/19/08	F3C-BCS-025	0.368 (J)	11/05/08	F3C-BCS-168	**2.34**
			--	--	--	10/21/08	F3C-BCS-149	0.216 (J)
	F4	Courtyard	09/19/08	F4C-BCS-026	**1.50**	10/21/08	F4C-BCS-151	**6.47 (J)**
			09/19/08	F4C-BCS-027	**5.66**	10/21/08	F4C-BCS-150	0.342 (J)
	F5	Street	10/07/08	F5S-BCS-080	**1.98**	11/14/08	F5S-BCS-208	**4.30**
		Courtyard	09/19/08	F5C-BCS-028	0.767 (J)	11/14/08	F5C-BCS-195	0.527
			09/19/08	F5C-BCS-029	1.03 (J)	11/04/08	F5C-BCS-196	0.988
	F6	Courtyard	09/19/08	F6C-BCS-030	**2.09**	10/21/08	F6C-BCS-153	0.825 (J)
			09/19/08	F6C-BCS-031	0.374(J)	10/21/08	F6C-BCS-152	0.364 (J)
G	G1	Courtyard	10/01/08	G1C-BCS-060	**1.590**	10/21/08	G1C-BCS-154	**1.45 (J)**
			10/01/08	G1C-BCS-061	0.364	10/21/08	G1C-BCS-155	0.884 (J)
	G2	Street	09/19/08	G2S-BCS-035	0.534 (J)	--	N/A	N/A
		Courtyard	10/01/08	G2C-BCS-062	0.176 (J)	--	N/A	N/A
			10/01/08	G2C-BCS-063	0.218	--		
	G3	Courtyard	10/01/08	G3C-BCS-064	0.918	10/21/08	G3C-BCS-156	0.565 (J)
			10/01/08	G3C-BCS-065	**10.0**	10/21/08	G3C-BCS-157	0.451 (J)
	G4	Street	10/07/08	G4S-BCS-082	**220**	11/14/08	G4S-BCS-210	0.886 (UJ)
		Courtyard	10/01/08	G3C-BCS-066	3.84	10/21/08	G4C-BCS-158	**29.2 (J)**
			10/01/08	G3C-BCS-067	**36.9**	10/21/08	G4C-BCS-159	**37.5 (J)**
	G5	Courtyard	10/02/08	G5C-BCS-068	0.467	10/21/08	G5C-BCS-160	0.903
			10/02/08	G5C-BCS-069	**3.28 (J)**	10/21/08	G5C-BCS-161	**1.79**
	G6	Street		G6S-BCS-081*	**2.24**	11/14/08	G6S-BCS-209	0.810
		Courtyard	10/02/08	G6C-BCS-070	0.322	--	N/A	N/A
			10/02/08	G6C-BCS-071	0.669 (J)			

Table 2.4A

Summary of Balcony Concrete Sample Results
MIT W85 Westgate - Final Completion Report

			Pre-Decontamination			Post-Decontamination		
Building	**Unit**	**Building Side**	**Sample Date**	**Characterization Sample ID**	**Characterization Result**	**Sample Date**	**Verification Sample ID**	**Verification Result**
H	H1	Street	09/19/08	H1S-BCS-034	**5.58 (J)**	11/13/08	H1S-BCS-190	**1.38 (J)**
		Courtyard	09/19/08	H1C-BCS-018	0.464	11/07/08	H1C-BCS-169	0.363
			09/19/08	H1C-BCS-019	**2.09**	11/07/08	H1C-BCS-170	0.614
	H2	Courtyard	09/30/08	H2C-BCS-046	0.197 (J)	11/07/08	H2C-BCS-171	0.138 (J)
			09/30/08	H2C-BCS-047	**1.47**	11/07/08	H2C-BCS-172	0.107
	H3	Street	10/07/08	H3S-BCS-078	0.838 (J)	--	N/A	N/A
		Courtyard	09/19/08	H3C-BCS-016	0.096	--	N/A	N/A
			09/19/08	H3C-BCS-017	0.089	--		
	H4	Courtyard	09/30/08	H4C-BCS-044	0.598	--	N/A	N/A
			09/30/08	H4C-BCS-045	0.187	--		
	H5	Street	10/07/08	H5S-BCS-079	0.104 (J)	--	N/A	N/A
		Courtyard	09/19/08	H5C-BCS-014	0.064 (J)	--	N/A	N/A
			09/19/08	H5C-BCS-015	0.133	--		
	H6	Courtyard	09/30/08	H6C-BCS-042	0.187 (J)	--	N/A	N/A
			09/30/08	H6C-BCS-043	0.201	--		
J	J1	Street	09/19/08	J1S-BCS-032	**6.600**	11/03/08	J1S-BCS-191	**1.67**
		Courtyard	10/01/08	J1C-BCS-058	0.305 (J)	--	N/A	N/A
			10/01/08	J1C-BCS-059	0.157	--		
	J2	Street	09/19/08	J2S-BCS-033	0.888 (J)	--	N/A	N/A
		Courtyard	10/01/08	J2C-BCS-056	0.462 (J)	--	N/A	N/A
			10/01/08	J2C-BCS-057	0.216 (J)	--		
	J3	Street	10/07/08	J3S-BCS-074	**7.87**	11/03/08	J3S-BCS-193	**1.50**
		Courtyard	09/30/08	J3C-BCS-054	0.185 (J)	--	N/A	N/A
			09/30/08	J3C-BCS-055	0.253	--		
	J4	Street	10/07/08	J4S-BCS-076	**7.0 (J)**	11/03/08	J4S-BCS-194	**3.97 (J)**
		Courtyard	09/30/08	J4C-BCS-052	0.655 (J)	--	N/A	N/A
			09/30/08	J4C-BCS-053	0.732	--		
	J5	Street	10/07/08	J5S-BCS-075	0.091 (J)	--	N/A	N/A
		Courtyard	09/30/08	J5C-BCS-048	0.357 (J)	--	N/A	N/A
			09/30/08	J5C-BCS-049	0.158	--		
	J6	Street		J6S-BCS-077*	0.139 (J)	--	N/A	N/A
		Courtyard	09/30/08	J6C-BCS-050	0.179	--	N/A	N/A
			09/30/08	J6C-BCS-051	0.305 (J)	--		
K	K1	Courtyard	09/19/08	K1C-BCS-002	0.221 (J)	--	N/A	N/A
			09/19/08	K1C-BCS-003	0.466	--		
	K2	Street	09/18/08	K2S-BCS-001	0.573 (J)	--	N/A	N/A
		Courtyard	09/19/08	K2C-BCS-004	0.219	--	N/A	N/A
			09/19/08	K2C-BCS-005	0.088 (J)	--		
	K3	Courtyard	09/19/08	K3C-BCS-006	0.088	--	N/A	N/A
			09/19/08	K3C-BCS-007	0.129	--		
	K4	Street	10/07/08	K4S-BCS-072	0.303 (J)	--	N/A	N/A
		Courtyard	09/19/08	K4C-BCS-008	0.136	--	N/A	N/A
			09/19/08	K4C-BCS-009	0.085 (J)	--		
	K5	Courtyard	09/19/08	K5C-BCS-010	0.136	--	N/A	N/A
			09/19/08	K5C-BCS-011	0.095 (J)	--		
	K6	Street		K6S-BCS-073*	0.320	--	N/A	N/A
		Courtyard	09/19/08	K6C-BCS-012	0.254	--	N/A	N/A
			09/19/08	K6C-BCS-013	0.113 (J)	--		

Notes:

Results in **bold** indicate total PCB concentrations greater than the 1 ppm cleanup level.
J = Concentration is estimated based on data validation.
UJ = Concentration (non-detected) is estimated based on data validation.
All results presented in milligrams per kilogram (mg/kg)
N/A = Not Applicable

Table 2.4B

Summary of Baseline Sampling Results - Balconies
MIT Westgate W85 - Final Completion Report

Building	Unit	Side	Sample Date	Verification Sample ID	Verification Sample Result (mg/kg)	Encapsulation Method	Sample Date	Baseline Wipe Sample ID	Baseline Wipe Sample Result (ug/100cm^2)
A	A1	Street	11/04/08	A1S-BCS-162	1.86	Clear acrylic	--	--	NT
	A5	Street	11/14/08	A5S-BCS-201	5.00	Clear acrylic	--	--	NT
		Courtyard	11/14/08	A5C-BCS-199	0.689	Clear acrylic	--	--	NT
			11/14/08	A5C-BCS-200	1.35		--	--	
B	B1	Street	11/13/08	B1S-BCS-187	2.00 (J)	Clear acrylic	--	--	NT
	B2	Street	11/04/08	B2S-BCS-163	2.53 (J)	Clear acrylic	--	--	NT
	B4	Street	11/14/08	B4S-BCS-204	2.26 (J)	Clear acrylic	11/04/09	B4S-VWS-001	<0.5
	B5	Street	11/14/08	B5S-BCS-202	6.38	Epoxy	11/04/09	B5S-VWS-002	<0.5
	B6	Street	11/14/08	B6S-BCS-203	3.99 (J)	Clear acrylic	--	--	NT
C	C5	Courtyard	11/04/08	C5C-BCS-165	1.83	Clear acrylic	--	--	NT
			11/07/08	C5C-BCS-186	0.586		--	--	
	C6	Street	11/14/08	C6S-BCS-205	38.2	Epoxy	11/04/09	C6S-VWS-003	<0.5
		Courtyard	11/07/08	C6C-BCS-187	0.583	Epoxy	11/04/09	C6C-VWS-004	<0.5
			11/04/08	C6C-BCS-164	5.38				
D	D2	Courtyard	11/07/08	D2C-BCS-173	1.91	Clear acrylic	11/04/09	D2C-VWS-005	<0.5
			11/07/08	D2C-BCS-174	0.431				
	D4	Courtyard	11/07/08	D4C-BCS-177	1.22	Clear acrylic	--	--	NT
			11/07/08	D4C-BCS-178	0.253		--	--	
E	E1	Courtyard	11/14/08	E1C-BCS-188	1.42 (J)	Clear acrylic	--	--	NT
			11/14/08	E1C-BCS-192	2.89		--	--	
	E2	Street	11/13/08	E2S-BCS-189	3.14	Clear acrylic	--	--	NT
		Courtyard	11/07/08	E2C-BCS-179	6.38	Epoxy	11/04/09	E2C-VWS-006	<0.5
			11/07/08	E2C-BCS-180	0.460 (J)				
	E3	Courtyard	11/07/08	E3C-BCS-181	2.01	Clear acrylic	11/04/09	E3C-VWS-007	<0.5
			11/07/08	E3C-BCS-182	0.291				
	E5	Courtyard	11/07/08	E5C-BCS-183	2.00	Clear acrylic	--	--	NT
			11/07/08	E5C-BCS-184	0.116		--	--	
F	F1	Courtyard	10/21/08	F1C-BCS-145	1.82	Clear acrylic	11/04/09	F1C-VWS-008	<0.5
			10/21/08	F1C-BCS-144	0.088				
	F2	Courtyard	10/21/08	F2C-BCS-147	0.436	Clear acrylic	--	--	NT
			11/05/08	F2C-BCS-167	1.82		--	--	
	F3	Courtyard	11/05/08	F3C-BCS-168	2.34	Clear acrylic	--	--	NT
			10/21/08	F3C-BCS-149	0.216		--	--	
	F4	Courtyard	10/21/08	F4C-BCS-151	6.47	Epoxy	11/04/09	F4C-VWS-009	<0.5
			10/21/08	F4C-BCS-150	0.342				
	F5	Street	11/14/08	F5S-BCS-208	4.30	Clear acrylic	11/04/09	F5C-VWS-010	<0.5
G	G1	Courtyard	10/21/08	G1C-BCS-154	1.45 (J)	Clear acrylic	--	--	NT
			10/21/08	G1C-BCS-155	0.884		--	--	
	G4	Courtyard	10/21/08	G4C-BCS-158	29.2	Epoxy	11/04/09	G4C-VWS-011	<0.5
			10/21/08	G4C-BCS-159	37.5				
	G5	Courtyard	10/21/08	G5C-BCS-160	0.903	Clear acrylic	--	--	NT
			10/21/08	G5C-BCS-161	1.79		--	--	
H	H1	Street	11/13/08	H1S-BCS-190	1.38 (J)	Clear acrylic	--	--	NT
J	J1	Street	11/13/08	J1S-BCS-191	1.67	Clear acrylic	--	--	NT
	J3	Street	11/13/08	J3S-BCS-193	1.50		--	--	NT
	J4	Street	11/13/08	J4S-BCS-194	3.97 (J)	Clear acrylic	--	--	NT

Notes:
All samples extracted by 3540C and analyzed by USEPA Method 8082.
Results are presented in micrograms per 100 square centimeters (ug/100cm^2) or milligrams per kilogram (mg/kg), as indicated.
The balconies of units not presented in this table were not encapsulated as they were confirmed to contain PCBs ≤ 1ppm.
J = Concentration is estimated based on data validation.
NT = Not tested.

Table 2.5A
Post-Excavation Soil Verification Sample Results
MIT W85 Westgate - Final Completion Report

Media	Date	Sample ID	Composite (C) or Discrete (D)	Excavation Round	Sample Depth	Number of Individuals in Sample	Detection Limit	Aroclor 1254	Aroclor 1260	Total PCBs	Max Discrete Value	Data Qualifier	Action
Building ABC Excavation Area A													
Soil	12/19/08	ABCA-VSC-034	C	1	12 - 15	2	0.073	ND	ND	< 0.073	--		None - excavation complete
Soil	12/19/08	ABCA-VSC-035	C	1	12 - 15	2	0.036	ND	ND	< 0.036	--		None - excavation complete
Soil	12/19/08	ABCA-VSC-036	C	1	12 - 15	2	0.036	ND	0.239	0.239	0.48		None - excavation complete
Soil	12/19/08	ABCA-VSC-037	C	1	12 - 15	2	0.033	ND	ND	< 0.033	--		None - excavation complete
Soil	12/19/08	ABCA-VSC-038	C	1	12 - 15	2	0.036	ND	ND	< 0.036	--		None - excavation complete
Soil	12/19/08	ABCA-VSC-039	C	1	12 - 15	2	0.036	ND	0.103	0.103	0.21		None - excavation complete
Soil	12/19/08	ABCA-VSC-040	C	1	12 - 15	2	0.036	ND	0.029	0.03	0.06	J	None - excavation complete
Soil	12/18/08	ABCA-VSC-041	C	1	12 - 15	2	0.033	ND	0.039	0.039	0.08		None - excavation complete
Soil	12/22/08	ABCA-VSC-042	C	1	12 - 15	3	0.036	ND	0.067	0.070	0.21		None - excavation complete
Soil	12/22/08	ABCA-VSC-043	C	1	12 - 15	3	0.036	ND	0.044	0.044	0.13		None - excavation complete
Soil	12/19/08	ABCA-VSC-044	C	1	12 - 15	3	0.17	ND	**2.44**	**2.44**	**7.32**		Remove additional 6" soils
Soil	12/18/08	ABCA-VSC-045	C	1	12 - 15	3	0.073	ND	**1.62**	**1.62**	**4.86**		Remove additional 6" soils
Soil	12/19/08	ABCA-VSC-164	C	1	12 - 15	2	0.033	ND	ND	< 0.033	--		None - excavation complete
Soil	12/19/08	ABCA-VSC-165	C	1	12 - 15	2	0.036	ND	0.025	0.025	0.05		None - excavation complete
Soil	12/19/08	ABCA-VSC-166	C	1	12 - 15	2	0.036	ND	0.030	0.030	0.06		None - excavation complete
Soil	12/19/08	ABCA-VSC-167	C	1	12 - 15	2	0.036	ND	0.037	0.037	0.07	J	None - excavation complete
Soil	12/19/08	ABCA-VSC-168	C	1	12 - 15	2	0.036	ND	0.657	0.657	**1.31**		Analyze discrete samples
Soil	12/19/08	ABCA-VSD-168A	D	1	12 - 15	1	0.036	ND	0.078	0.078	0.08		None - excavation complete
Soil	12/19/08	ABCA-VSD-168B	D	1	12 - 15	1	0.04	ND	0.852	0.852	0.85		None - excavation complete
Soil	12/19/08	ABCA-VSC-169	C	1	12 - 15	2	0.036	ND	0.266	0.266	0.53		None - excavation complete
Soil	12/19/08	ABCA-VSC-170	C	1	12 - 15	2	0.17	ND	**2.23**	**2.23**	**4.46**		Remove additional 6" soils
Soil	12/19/08	ABCA-VSC-171	C	1	12 - 15	2	0.036	ND	0.032	0.032	0.06		None - excavation complete
Soil	12/19/08	ABCA-VSC-172	C	1	12 - 15	3	0.2	ND	**2.41**	**2.41**	**7.23**		Remove additional 6" soils
Soil	12/18/08	ABCA-VSC-173	D	1	12 - 15	1	0.036	ND	0.088	0.088	0.09		None - excavation complete
Soil	12/18/08	ABCA-VSC-174	D	1	12 - 15	1	0.069	ND	0.120	0.120	0.12		None - excavation complete
Soil	12/18/08	ABCA-VSC-175	C	1	12 - 15	2	0.036	ND	0.143	0.143	0.29		None - excavation complete
Soil	12/18/08	ABCA-VSC-176	C	1	12 - 15	2	0.036	ND	0.140	0.140	0.28		None - excavation complete
Soil	12/18/08	ABCA-VSC-177	C	1	12 - 15	2	0.036	ND	0.759	0.759	**1.52**	J	Analyze discrete samples
Soil	12/18/08	ABCA-VSD-177A	D	1	12 - 15	1	0.036	ND	0.771	0.771	0.77		None - excavation complete
Soil	12/18/08	ABCA-VSD-177B	D	1	12 - 15	1	0.036	ND	0.703	0.703	0.70		None - excavation complete
Soil	12/18/08	ABCA-VSC-178	C	1	12 - 15	2	0.033	ND	0.042	0.042	0.08		None - excavation complete
Soil	12/18/08	ABCA-VSC-179	C	1	12 - 15	2	0.036	ND	0.068	0.068	0.14	J	None - excavation complete
Soil	12/30/08	ABCA-VSC-218	C	2	18 - 21	3	0.033	ND	0.222	0.222	0.67		None - excavation complete
Soil	12/30/08	ABCA-VSC-219	C	2	18 - 21	2	0.036	ND	0.948	0.948	**1.90**		Analyze discrete samples
Soil	12/30/08	ABCA-VSD-219A	D	2	18 - 21	1	0.036	ND	0.916	0.916	0.92		None - excavation complete
Soil	12/30/08	ABCA-VSD-219B	D	2	18 - 21	1	0.036	ND	0.764	0.764	0.76		None - excavation complete
Soil	12/30/08	ABCA-VSC-220	C	2	18 - 21	3	0.033	ND	0.051	0.051	0.15		None - excavation complete
Soil	12/30/08	ABCA-VSC-221	C	2	18 - 21	3	0.033	ND	ND	< 0.033	--		None - excavation complete

Table 2.5A
Post-Excavation Soil Verification Sample Results
MIT W85 Westgate - Final Completion Report

Media	Date	Sample ID	Composite (C) or Discrete (D)	Excavation Round	Sample Depth	Number of Individuals in Sample	Detection Limit	Aroclor 1254	Aroclor 1260	Total PCBs	Max Discrete Value	Data Qualifier	Action
Building ABC Excavation Area B													
Soil	12/19/08	ABCB-VSC-046	C	1	12 - 15	3	0.033	ND	0.074	0.074	0.22		None - excavation complete
Soil	12/19/08	ABCB-VSC-047	C	1	12 - 15	3	0.033	ND	0.988	0.988	**2.96**		Remove additional 6" soils
Soil	12/22/08	ABCB-VSC-048	C	1	12 - 15	2	0.04	ND	0.059	0.059	0.12		None - excavation complete
Soil	12/22/08	ABCB-VSC-049	C	1	12 - 15	2	0.033	ND	0.201	0.201	0.40		None - excavation complete
Soil	12/29/08	ABCB-VSC-050	C	1	12 - 15	3	0.033	ND	0.027	0.027	0.08		None - excavation complete
Soil	12/29/08	ABCB-VSC-051	C	1	12 - 15	3	0.04	ND	0.119	0.119	0.36		None - excavation complete
Soil	12/29/08	ABCB-VSC-052	C	1	12 - 15	2	0.036	ND	**1.10**	**1.10**	**2.2**		Remove additional 6" soils
Soil	12/22/08	ABCB-VSC-053	C	1	12 - 15	2	0.036	ND	0.410	0.410	0.82		None - excavation complete
Soil	12/29/08	ABCB-VSC-054	C	1	12 - 15	2	0.033	ND	0.207	0.207	0.41		None - excavation complete
Soil	12/29/08	ABCB-VSC-055	C	1	12 - 15	2	0.036	ND	0.226	0.226	0.45		None - excavation complete
Soil	12/29/08	ABCB-VSC-056	C	1	12 - 15	2	0.073	ND	0.272	0.272	0.54		None - excavation complete
Soil	12/22/08	ABCB-VSC-057	C	1	12 - 15	2	0.073	ND	**1.37**	**1.37**	**2.74**		Remove additional 6" soils
Soil	12/30/08	ABCB-VSC-222	C	2	18 - 21	3	0.033	ND	0.027	0.027	0.08		None - excavation complete
Soil	1/5/09	ABCB-VSC-224	C	2	18 - 21	2	0.036	ND	ND	< 0.036	--		None - excavation complete
Soil	1/5/09	ABCB-VSC-225	C	2	18 - 21	2	0.033	ND	ND	< 0.033	--		None - excavation complete
Building ABC Excavation Area C													
Soil	12/17/08	ABCC-VSC-058	C	1	12 - 15	2	0.18	ND	**3.25**	**3.25**	**6.5**		Remove additional 6" soils
Soil	12/17/08	ABCC-VSC-059	C	1	12 - 15	3	0.036	ND	0.120	0.120	0.36		None - excavation complete
Soil	12/17/08	ABCC-VSC-060	C	1	12 - 15	2	0.036	ND	0.651	0.651	**1.3**		Analyze discrete samples
Soil	12/17/08	ABCC-VSD-060A	D	1	12 - 15	1	0.036	ND	0.340	0.340	0.34		None - excavation complete
Soil	12/17/08	ABCC-VSD-060B	D	1	12 - 15	1	0.033	ND	0.923	0.923	0.92		None - excavation complete
Soil	12/17/08	ABCC-VSC-061	C	1	12 - 15	2	0.036	ND	0.950	0.950	**1.9**		Analyze discrete samples
Soil	12/17/08	ABCC-VSD-061A	D	1	12 - 15	1	0.076	ND	**1.54**	**1.54**	**1.54**		Remove additional 6" soils
Soil	12/17/08	ABCC-VSD-061B	D	1	12 - 15	1	0.036	ND	0.853	0.853	0.85		None - excavation complete
Soil	12/30/08	ABCC-VSC-223	C	2	18 - 21	2	0.04	ND	0.109	0.109	0.22		None - excavation complete
Soil	1/5/09	ABCC-VSD-226	D	2	18 - 21	1	0.033	ND	0.028	0.028	0.03		None - excavation complete
Building ABC Excavation Area D													
Soil	12/16/08	ABCD-VSC-062	C	1	12 - 15	3	0.036	ND	0.814	0.814	**2.44**		Analyze discrete samples
Soil	12/17/08	ABCD-VSD-062A	D	1	12 - 15	1	0.036	ND	0.625	0.625	0.63		None - excavation complete
Soil	12/17/08	ABCD-VSD-062B	D	1	12 - 15	1	0.069	ND	**1.22**	**1.22**	**1.22**		Remove additional 6" soils
Soil	12/17/08	ABCD-VSD-062C	D	1	12 - 15	1	0.069	ND	**1.42**	**1.42**	**1.42**		Remove additional 6" soils
Soil	12/16/08	ABCD-VSC-063	C	1	12 - 15	2	0.036	ND	0.156	0.156	0.31		None - excavation complete
Soil	12/16/08	ABCD-VSC-064	C	1	12 - 15	3	0.036	ND	0.168	0.168	0.5		None - excavation complete
Soil	12/16/08	ABCD-VSC-065	C	1	12 - 15	3	0.04	ND	0.230	0.230	0.69		None - excavation complete
Soil	12/4/08	ABCD-VSC-066	C	1	12 - 15	5	0.04	ND	0.164	0.164	0.82		None - excavation complete
Soil	12/4/08	ABCD-VSC-067	C	1	12 - 15	5	0.036	ND	0.588	0.588	**2.94**		Analyze discrete samples
Soil	12/4/08	ABCD-VSD-067A	D	1	12 - 15	1	0.033	ND	0.33	0.33	0.33		None - excavation complete
Soil	12/4/08	ABCD-VSD-067B	D	1	12 - 15	1	0.036	ND	0.952	0.952	0.95		None - excavation complete
Soil	12/4/08	ABCD-VSD-067C	D	1	12 - 15	1	0.036	ND	0.238	0.238	0.24		None - excavation complete
Soil	12/4/08	ABCD-VSD-067D	D	1	12 - 15	1	0.16	ND	0.146	0.146	0.15	J	None - excavation complete
Soil	12/4/08	ABCD-VSD-067E	D	1	12 - 15	1	0.04	ND	0.448	0.448	0.45		None - excavation complete
Soil	1/5/09	ABCD-VSC-227	C	2	18 - 21	2	0.036	ND	0.146	0.146	0.29		None - excavation complete

Table 2.5A
Post-Excavation Soil Verification Sample Results
MIT W85 Westgate - Final Completion Report

Media	Date	Sample ID	Composite (C) or Discrete (D)	Excavation Round	Sample Depth	Number of Individuals in Sample	Detection Limit	Aroclor 1254	Aroclor 1260	Total PCBs	Max Discrete Value	Data Qualifier	Action
Building ABC Excavation Area E													
Soil	12/1/08	ABCE-VSC-007	C	1	12 - 15	5	0.14	ND	0.712	0.712	**3.56**		Analyze discrete samples
Soil	12/1/08	ABCE-VSD-007A	D	1	12 - 15	1	0.036	ND	0.089	0.089	0.09		None - excavation complete
Soil	12/1/08	ABCE-VSD-007B	D	1	12 - 15	1	0.036	ND	0.593	0.593	0.59		None - excavation complete
Soil	12/1/08	ABCE-VSD-007C	D	1	12 - 15	1	0.036	ND	0.075	0.075	0.08		None - excavation complete
Soil	12/1/08	ABCE-VSD-007D	D	1	12 - 15	1	0.036	ND	0.061	0.061	0.06		None - excavation complete
Soil	12/1/08	ABCE-VSD-007E	D	1	12 - 15	1	0.036	ND	0.964	0.964	0.96		None - excavation complete
Soil	12/1/08	ABCE-VSC-008	C	1	12 - 15	5	0.036	ND	0.950	0.950	**4.75**		Analyze discrete samples
Soil	12/1/08	ABCE-VSD-008A	D	1	12 - 15	1	0.073	ND	**1.11**	**1.11**	**1.11**		Remove additional 6" soils
Soil	12/1/08	ABCE-VSD-008B	D	1	12 - 15	1	0.036	ND	0.098	0.098	0.1		None - excavation complete
Soil	12/1/08	ABCE-VSD-008C	D	1	12 - 15	1	0.04	ND	0.522	0.522	0.52		None - excavation complete
Soil	12/1/08	ABCE-VSD-008D	D	1	12 - 15	1	0.036	ND	0.790	0.790	0.79		None - excavation complete
Soil	12/1/08	ABCE-VSD-008E	D	1	12 - 15	1	0.036	ND	0.229	0.229	0.23		None - excavation complete
Soil	12/1/08	ABCE-VSC-009	C	1	12 - 15	5	0.04	ND	0.392	0.392	**1.96**		Analyze discrete samples
Soil	12/1/08	ABCE-VSD-009A	D	1	12 - 15	1	0.073	ND	0.399	0.399	0.4		None - excavation complete
Soil	12/1/08	ABCE-VSD-009B	D	1	12 - 15	1	0.036	ND	0.398	0.398	0.4		None - excavation complete
Soil	12/1/08	ABCE-VSD-009C	D	1	12 - 15	1	0.04	ND	**1.15**	**1.15**	**1.15**		Remove additional 6" soils
Soil	12/1/08	ABCE-VSD-009D	D	1	12 - 15	1	0.036	ND	0.319	0.319	0.32		None - excavation complete
Soil	12/1/08	ABCE-VSD-009E	D	1	12 - 15	1	0.036	ND	0.165	0.165	0.17		None - excavation complete
Soil	12/1/08	ABCE-VSC-010	C	1	12 - 15	5	0.036	ND	0.278	0.278	**1.39**		Analyze discrete samples
Soil	12/1/08	ABCE-VSD-010A	D	1	12 - 15	1	0.036	ND	0.368	0.368	0.37		None - excavation complete
Soil	12/1/08	ABCE-VSD-010B	D	1	12 - 15	1	0.036	ND	0.200	0.200	0.2		None - excavation complete
Soil	12/1/08	ABCE-VSD-010C	D	1	12 - 15	1	0.15	ND	0.303	0.303	0.3		None - excavation complete
Soil	12/1/08	ABCE-VSD-010D	D	1	12 - 15	1	0.15	ND	0.490	0.490	0.49		None - excavation complete
Soil	12/1/08	ABCE-VSD-010E	D	1	12 - 15	1	0.04	ND	0.330	0.330	0.33		None - excavation complete
Soil	12/1/08	ABCE-VSC-011	C	1	12 - 15	5	0.04	ND	0.253	0.253	**1.27**		Analyze discrete samples
Soil	12/1/08	ABCE-VSD-011A	D	1	12 - 15	1	0.036	ND	0.472	0.472	0.47		None - excavation complete
Soil	12/1/08	ABCE-VSD-011B	D	1	12 - 15	1	0.04	ND	ND	< 0.040	--		None - excavation complete
Soil	12/1/08	ABCE-VSD-011C	D	1	12 - 15	1	0.036	ND	0.086	0.086	0.09		None - excavation complete
Soil	12/1/08	ABCE-VSD-011D	D	1	12 - 15	1	0.04	ND	0.277	0.277	0.28		None - excavation complete
Soil	12/1/08	ABCE-VSD-011E	D	1	12 - 15	1	0.036	ND	0.822	0.822	0.82		None - excavation complete
Soil	12/1/08	ABCE-VSC-012	C	1	12 - 15	5	0.036	ND	0.171	0.171	0.86		None - excavation complete
Soil	12/17/08	ABCE-VSD-197	D	2	18 - 21	1	0.036	ND	0.384	0.384	0.38		None - excavation complete
Soil	12/17/08	ABCE-VSD-198	D	2	18 - 21	1	0.04	ND	0.100	0.100	0.1		None - excavation complete

Table 2.5A
Post-Excavation Soil Verification Sample Results
MIT W85 Westgate - Final Completion Report

Media	Date	Sample ID	Composite (C) or Discrete (D)	Excavation Round	Sample Depth	Number of Individuals in Sample	Detection Limit	Aroclor 1254	Aroclor 1260	Total PCBs	Max Discrete Value	Data Qualifier	Action
Building ABC Excavation Area F													
Soil	12/2/08	ABCF-VSC-001	C	1	12 - 15	5	0.036	ND	0.714	0.714	**3.57**		Remove additional 6" soils
Soil	12/2/08	ABCF-VSC-002	C	1	12 - 15	5	0.36	ND	**5.21**	**5.21**	**26.1**		Remove additional 6" soils
Soil	12/2/08	ABCF-VSC-003	C	1	12 - 15	5	0.17	ND	**3.00**	**3.00**	**15.0**		Remove additional 6" soils
Soil	12/2/08	ABCF-VSC-004	C	1	12 - 15	5	0.036	ND	0.804	0.804	**4.02**		Remove additional 6" soils
Soil	12/2/08	ABCF-VSC-005	C	1	12 - 15	5	0.073	ND	**1.61**	**1.61**	**8.05**		Remove additional 6" soils
Soil	12/2/08	ABCF-VSC-006	C	1	12 - 15	5	0.036	ND	0.411	0.411	**2.06**	J	Remove additional 6" soils
Soil	12/17/08	ABCF-VSC-180	C	2	18 - 21	2	0.076	ND	0.300	0.300	0.6		None - excavation complete
Soil	12/17/08	ABCF-VSC-181	C	2	18 - 21	2	0.036	ND	0.354	0.354	0.71		None - excavation complete
Soil	12/17/08	ABCF-VSC-182	C	2	18 - 21	2	0.04	ND	0.439	0.439	0.88		None - excavation complete
Soil	12/17/08	ABCF-VSC-183	C	2	18 - 21	2	0.04	ND	0.848	0.848	**1.7**		Analyze discrete samples
Soil	12/17/08	ABCF-VSD-183A	D	2	18 - 21	1	0.04	0.283	0.28	0.563	0.56	J	None - excavation complete
Soil	12/17/08	ABCF-VSD-183B	D	2	18 - 21	1	0.036	ND	0.637	0.637	0.64		None - excavation complete
Soil	12/17/08	ABCF-VSC-184	C	2	18 - 21	2	0.036	ND	0.197	0.197	0.39		None - excavation complete
Soil	12/17/08	ABCF-VSC-185	C	2	18 - 21	2	0.036	ND	0.398	0.398	0.8		None - excavation complete
Soil	12/17/08	ABCF-VSC-186	C	2	18 - 21	2	0.2	ND	**2.74**	**2.74**	**5.48**		Remove additional 6" soils
Soil	12/17/08	ABCF-VSC-187	C	2	18 - 21	2	0.2	ND	**2.64**	**2.64**	**5.28**		Remove additional 6" soils
Soil	12/17/08	ABCF-VSC-190	C	2	18 - 21	2	0.036	ND	0.109	0.109	0.22		None - excavation complete
Soil	12/24/08	ABCF-VSD-209A	D	3	24 - 27	1	0.04	ND	0.553	0.553	0.55		None - excavation complete
Soil	12/24/08	ABCF-VSD-209B	D	3	24 - 27	1	0.4	ND	**5.48**	**5.48**	**5.48**		Remove additional 6" soils
Soil	12/24/08	ABCF-VSD-210A	D	3	24 - 27	1	0.089	ND	0.825	0.825	0.83		None - excavation complete
Soil	12/24/08	ABCF-VSD-210B	D	3	24 - 27	1	0.086	ND	0.683	0.683	0.68		None - excavation complete
Soil	1/5/09	ABCF-VSD-230	D	4	30 - 33	1	0.036	ND	0.177	0.177	0.18		None - excavation complete
Building DE Excavation Area G													
Soil	12/8/08	DEG-VSC-068	C	1	12 - 15	2	0.036	ND	0.114	0.114	0.23		None - excavation complete
Soil	12/8/08	DEG-VSC-069	C	1	12 - 15	2	0.036	ND	0.311	0.311	0.62		None - excavation complete
Soil	12/8/08	DEG-VSC-070	C	1	12 - 15	3	0.036	ND	0.969	0.969	**2.91**		Remove additional 6" soils
Soil	12/5/08	DEG-VSC-123	C	1	12 - 15	3	0.36	ND	**4.90**	**4.90**	**14.7**		Remove additional 6" soils
Soil	12/5/08	DEG-VSC-124	C	1	12 - 15	3	0.036	ND	1.08	1.08	**3.24**		Remove additional 6" soils
Soil	12/17/08	DEG-VSC-199	C	2	18 - 21	3	0.073	ND	0.044	0.044	0.13		None - excavation complete
Soil	12/17/08	DEG-VSC-200	C	2	18 - 21	3	0.04	ND	0.118	0.118	0.35		None - excavation complete
Soil	12/17/08	DEG-VSC-201	C	2	18 - 21	3	0.073	ND	0.389	0.389	**1.17**		Analyze discrete samples
Soil	12/17/08	DEG-VSD-201A	D	2	18 - 21	1	0.036	ND	0.296	0.296	0.3		None - excavation complete
Soil	12/17/08	DEG-VSD-201B	D	2	18 - 21	1	0.036	ND	0.460	0.460	0.46		None - excavation complete
Soil	12/17/08	DEG-VSD-201C	D	2	18 - 21	1	0.036	ND	0.044	0.044	0.04		None - excavation complete

Table 2.5A
Post-Excavation Soil Verification Sample Results
MIT W85 Westgate - Final Completion Report

Media	Date	Sample ID	Composite (C) or Discrete (D)	Excavation Round	Sample Depth	Number of Individuals in Sample	Detection Limit	Aroclor 1254	Aroclor 1260	Total PCBs	Max Discrete Value	Data Qualifier	Action
Building DE Excavation Area H													
Soil	12/16/08	DEH-VSC-071	C	1	12 - 15	2	0.036	ND	**1.12**	**1.12**	**2.24**		Remove additional 6" soils
Soil	12/16/08	DEH-VSC-072	C	1	12 - 15	2	0.04	ND	0.409	0.409	0.82		None - excavation complete
Soil	12/29/08	DEH-VSC-213	C	2	18 - 21	2	0.033	ND	ND	< 0.033	--		None - excavation complete
Soil	12/16/08	DEH-VSC-073	C	1	12 - 15	3	0.036	ND	0.368	0.368	**1.1**		Analyze discrete samples
Soil	12/15/08	DEH-VSD-073A	D	1	12 - 15	1	0.17	ND	**2.40**	**2.40**	**2.4**		Remove additional 6" soils
Soil	12/15/08	DEH-VSD-073B	D	1	12 - 15	1	0.033	ND	0.083	0.083	0.08		None - excavation complete
Soil	12/15/08	DEH-VSD-073C	D	1	12 - 15	1	0.036	ND	ND	< 0.036	--		None - excavation complete
Soil	12/16/08	DEH-VSC-074	C	1	12 - 15	2	0.036	ND	0.713	0.713	**1.43**		Analyze discrete samples
Soil	12/15/08	DEH-VSD-074A	D	1	12 - 15	1	0.073	ND	**1.75**	**1.75**	**1.75**		Remove additional 6" soils
Soil	12/15/08	DEH-VSD-074B	D	1	12 - 15	1	0.046	ND	0.347	0.347	0.35		None - excavation complete
Soil	12/29/08	DEH-VSD-214	D	2	18 - 21	1	0.04	ND	ND	< 0.040	--		None - excavation complete
Soil	12/29/08	DEH-VSD-215	D	2	18 - 21	1	0.04	ND	0.075	0.075	0.08		None - excavation complete
Building DE Excavation Area I													
Soil	12/3/08	DEI-VSC-018	C	1	12 - 15	5	0.036	ND	0.709	0.709	**3.55**		Analyze discrete samples
Soil	12/3/08	DEI-VSD-018A	D	1	12 - 15	1	0.076	ND	0.519	0.519	0.52		None - excavation complete
Soil	12/3/08	DEI-VSD-018B	D	1	12 - 15	1	0.04	ND	0.554	0.554	0.55		None - excavation complete
Soil	12/3/08	DEI-VSD-018C	D	1	12 - 15	1	0.04	ND	0.238	0.238	0.24		None - excavation complete
Soil	12/3/08	DEI-VSD-018D	D	1	12 - 15	1	0.15	ND	**1.64**	**1.64**	**1.64**		Remove additional 6" soils
Soil	12/3/08	DEI-VSD-018E	D	1	12 - 15	1	0.036	ND	0.400	0.400	0.40		None - excavation complete
Soil	12/3/08	DEI-VSC-019	C	1	12 - 15	4	0.2	ND	2.180	2.180	**8.72**		Remove additional 6" soils
Soil	12/2/08	DEI-VSC-020	C	1	12 - 15	4	0.036	ND	0.240	0.240	0.96		None - excavation complete
Soil	12/16/08	DEI-VSC-075	C	1	12 - 15	3	0.083	ND	ND	< 0.083	--		None - excavation complete
Soil	12/16/08	DEI-VSC-076	C	1	12 - 15	3	0.015	ND	0.234	0.234	0.7		None - excavation complete
Soil	12/2/08	DEI-VSC-112	C	1	12 - 15	3	0.04	ND	0.408	0.408	**1.22**		Analyze discrete samples
Soil	12/2/08	DEI-VSD-112A	D	1	12 - 15	1	0.036	ND	0.174	0.174	0.17		None - excavation complete
Soil	12/2/08	DEI-VSD-112B	D	1	12 - 15	1	0.036	ND	0.199	0.199	0.2		None - excavation complete
Soil	12/2/08	DEI-VSD-112C	D	1	12 - 15	1	0.036	ND	0.184	0.184	0.18		None - excavation complete
Soil	12/15/08	DEI-VSC-157	C	1	12 - 15	3	0.04	ND	0.217	0.217	0.65		None - excavation complete
Soil	12/15/08	DEI-VSC-158	C	1	12 - 15	3	0.04	ND	0.917	0.917	**2.75**		Analyze discrete samples
Soil	12/15/08	DEI-VSD-158A	D	1	12 - 15	1	0.04	ND	0.173	0.173	0.17		None - excavation complete
Soil	12/15/08	DEI-VSD-158B	D	1	12 - 15	1	0.04	ND	0.091	0.091	0.09		None - excavation complete
Soil	12/15/08	DEI-VSD-158C	D	1	12 - 15	1	0.2	ND	**2.23**	**2.23**	**2.23**		Remove additional 6" soils
Soil	12/15/08	DEI-VSC-159	C	1	12 - 15	2	0.04	ND	0.685	0.685	**1.37**		Analyze discrete samples
Soil	12/15/08	DEI-VSD-159A	D	1	12 - 15	1	0.076	**1.94**	**1.92**	**3.86**	**3.86**		Remove additional 6" soils
Soil	12/15/08	DEI-VSD-159B	D	1	12 - 15	1	0.04	ND	0.247	0.247	0.25		None - excavation complete
Soil	12/15/08	DEI-VSC-160	C	1	12 - 15	2	0.16	ND	0.717	0.717	**1.43**		Analyze discrete samples
Soil	12/15/08	DEI-VSD-160A	D	1	12 - 15	1	0.036	ND	0.673	0.673	0.67		None - excavation complete
Soil	12/15/08	DEI-VSD-160B	D	1	12 - 15	1	0.036	ND	0.490	0.490	0.49		None - excavation complete
Soil	12/15/08	DEI-VSC-161	C	1	12 - 15	2	0.04	ND	0.326	0.326	0.65		None - excavation complete
Soil	12/15/08	DEI-VSC-162	C	1	12 - 15	2	0.04	ND	0.110	0.110	0.22		None - excavation complete
Soil	12/17/08	DEI-VSC-194	C	2	18 - 21	2	0.04	ND	ND	< 0.040	--		None - excavation complete
Soil	12/17/08	DEI-VSC-195	C	2	18 - 21	2	0.036	ND	0.280	0.280	0.56		None - excavation complete
Soil	12/17/08	DEI-VSD-196	D	2	18 - 21	1	0.076	ND	0.850	0.850	0.85	J	None - excavation complete
Soil	12/29/08	DEI-VSD-216	D	2	18 - 21	1	0.04	ND	0.131	0.131	0.13		None - excavation complete
Soil	12/29/08	DEI-VSD-217	D	2	18 - 21	1	0.04	ND	0.689	0.689	0.69		None - excavation complete

Table 2.5A
Post-Excavation Soil Verification Sample Results
MIT W85 Westgate - Final Completion Report

Media	Date	Sample ID	Composite (C) or Discrete (D)	Excavation Round	Sample Depth	Number of Individuals in Sample	Detection Limit	Aroclor 1254	Aroclor 1260	Total PCBs	Max Discrete Value	Data Qualifier	Action
Building DE Excavation Area J													
Soil	12/3/08	DEJ-VSC-013	C	1	12 - 15	4	0.04	ND	0.507	0.507	**2.03**		Analyze discrete samples
Soil	12/3/08	DEJ-VSD-013A	D	1	12 - 15	1	0.04	ND	0.322	0.322	0.32		None - excavation complete
Soil	12/3/08	DEJ-VSD-013B	D	1	12 - 15	1	0.14	ND	0.796	0.796	0.8		None - excavation complete
Soil	12/3/08	DEJ-VSD-013C	D	1	12 - 15	1	0.15	ND	0.980	0.980	0.98		None - excavation complete
Soil	12/3/08	DEJ-VSD-013D	D	1	12 - 15	1	0.073	ND	0.203	0.203	0.2		None - excavation complete
Soil	12/3/08	DEJ-VSC-014	C	1	12 - 15	4	0.15	ND	0.600	0.600	**2.40**	J	Analyze discrete samples
Soil	12/3/08	DEJ-VSD-014A	D	1	12 - 15	1	0.069	ND	0.858	0.858	0.86		None - excavation complete
Soil	12/3/08	DEJ-VSD-014B	D	1	12 - 15	1	0.073	ND	0.175	0.175	0.18		None - excavation complete
Soil	12/3/08	DEJ-VSD-014C	D	1	12 - 15	1	0.15	ND	0.284	0.284	0.28		None - excavation complete
Soil	12/3/08	DEJ-VSD-014D	D	1	12 - 15	1	0.076	ND	0.679	0.679	0.68		None - excavation complete
Soil	12/3/08	DEJ-VSC-015	C	1	12 - 15	4	0.036	ND	0.258	0.258	1.03		None - excavation complete
Soil	12/3/08	DEJ-VSC-016	C	1	12 - 15	3	0.04	ND	0.440	0.440	**1.32**		Analyze discrete samples
Soil	12/3/08	DEJ-VSD-016A	D	1	12 - 15	1	0.04	ND	0.123	0.123	0.12		None - excavation complete
Soil	12/3/08	DEJ-VSD-016B	D	1	12 - 15	1	0.083	ND	0.356	0.356	0.36		None - excavation complete
Soil	12/3/08	DEJ-VSD-016C	D	1	12 - 15	1	0.16	ND	1.08	1.08	1.08		None - excavation complete
Soil	12/3/08	DEJ-VSC-017	C	1	12 - 15	3	0.036	ND	0.622	0.622	**1.87**		Analyze discrete samples
Soil	12/3/08	DEJ-VSD-017A	D	1	12 - 15	1	0.14	ND	0.734	0.734	0.73		None - excavation complete
Soil	12/3/08	DEJ-VSD-017B	D	1	12 - 15	1	0.14	ND	0.466	0.466	0.47		None - excavation complete
Soil	12/3/08	DEJ-VSD-017C	D	1	12 - 15	1	0.15	ND	0.568	0.568	0.57		None - excavation complete
Building FG Excavation Area K													
Soil	12/4/08	FGK-VSC-028	C	1	12 - 15	3	0.04	ND	0.402	0.402	**1.21**		Analyze discrete samples
Soil	12/4/08	FGK-VSD-028A	D	1	12 - 15	1	0.04	ND	0.258	0.258	0.26		None - excavation complete
Soil	12/4/08	FGK-VSD-028B	D	1	12 - 15	1	0.04	ND	0.402	0.402	0.4		None - excavation complete
Soil	12/4/08	FGK-VSD-028C	D	1	12 - 15	1	0.033	ND	0.33	0.33	0.33		None - excavation complete
Soil	12/4/08	FGK-VSC-029	C	1	12 - 15	3	0.4	ND	**5.32**	**5.32**	**16.0**		Remove additional 6" soils
Soil	12/17/08	FGK-VSD-191	D	2	18 - 21	1	0.036	ND	0.067	0.067	0.07		None - excavation complete
Soil	12/17/08	FGK-VSD-192	D	2	18 - 21	1	0.2	ND	**5.25**	**5.25**	**5.25**		Remove additional 6" soils
Soil	12/17/08	FGK-VSD-193	D	2	18 - 21	1	0.036	ND	ND	< 0.036	**--**		None - excavation complete
Soil	12/24/08	FGK-VSD-211	D	3	24 - 27	1	0.069	ND	1.08	1.08	1.08		None - excavation complete

Table 2.5A
Post-Excavation Soil Verification Sample Results
MIT W85 Westgate - Final Completion Report

Media	Date	Sample ID	Composite (C) or Discrete (D)	Excavation Round	Sample Depth	Number of Individuals in Sample	Detection Limit	Aroclor 1254	Aroclor 1260	Total PCBs	Max Discrete Value	Data Qualifier	Action
Building FG Excavation Area L													
Soil	12/5/08	FGL-VSC-021	C	1	12 - 15	3	0.036	ND	0.034	0.034	0.1	J	None - excavation complete
Soil	12/5/08	FGL-VSC-022	C	1	12 - 15	3	0.04	ND	0.151	0.151	0.45		None - excavation complete
Soil	12/5/08	FGL-VSC-023	C	1	12 - 15	3	0.036	ND	0.067	0.067	0.2	J	None - excavation complete
Soil	12/4/08	FGL-VSC-024	C	1	12 - 15	4	0.036	ND	0.333	0.333	**1.33**		Analyze discrete samples
Soil	12/4/08	FGL-VSD-024A	D	1	12 - 15	1	0.033	ND	ND	< 0.033	--		None - excavation complete
Soil	12/4/08	FGL-VSD-024B	D	1	12 - 15	1	0.04	ND	0.175	0.175	0.18		None - excavation complete
Soil	12/4/08	FGL-VSD-024C	D	1	12 - 15	1	0.036	ND	0.138	0.138	0.14		None - excavation complete
Soil	12/4/08	FGL-VSD-024D	D	1	12 - 15	1	0.04	ND	0.668	0.668	0.67		None - excavation complete
Soil	12/4/08	FGL-VSC-025	C	1	12 - 15	4	0.036	ND	0.225	0.225	0.9	J	None - excavation complete
Soil	12/5/08	FGL-VSC-026	C	1	12 - 15	3	0.036	ND	0.068	0.068	0.2		None - excavation complete
Soil	12/5/08	FGL-VSC-027	C	1	12 - 15	3	0.04	ND	0.398	0.398	**1.19**		Analyze discrete samples
Soil	12/5/08	FGL-VSD-027A	D	1	12 - 15	1	0.04	ND	0.159	0.159	0.16		None - excavation complete
Soil	12/5/08	FGL-VSD-027B	D	1	12 - 15	1	0.04	ND	0.049	0.049	0.05		None - excavation complete
Soil	12/5/08	FGL-VSD-027C	D	1	12 - 15	1	0.04	ND	0.082	0.082	0.08		None - excavation complete
Soil	12/4/08	FGL-VSC-113	C	1	12 - 15	2	0.036	ND	0.328	0.328	0.66	J	None - excavation complete
Soil	12/5/08	FGL-VSC-117	C	1	12 - 15	3	0.04	ND	0.066	0.066	0.2	J	None - excavation complete
Soil	12/5/08	FGL-VSC-118	C	1	12 - 15	2	0.036	ND	0.091	0.091	0.18	J	None - excavation complete
Soil	12/5/08	FGL-VSC-119	C	1	12 - 15	2	0.036	ND	0.242	0.242	0.48		None - excavation complete
Building FG Excavation Area M													
Soil	12/11/08	FGM-VSC-077	C	1	12 - 15	3	0.036	ND	0.253	0.253	0.76		None - excavation complete
Soil	12/11/08	FGM-VSC-078	C	1	12 - 15	2	0.069	ND	**1.14**	**1.14**	**2.28**		Remove additional 6" soils
Soil	12/11/08	FGM-VSC-079	C	1	12 - 15	2	0.036	ND	0.19	0.19	0.38		None - excavation complete
Soil	12/11/08	FGM-VSC-080	C	1	12 - 15	3	0.76	ND	1.08	1.08	**3.24**		Remove additional 6" soils
Soil	12/11/08	FGM-VSC-081	C	1	12 - 15	2	0.17	ND	**2.91**	**2.91**	**5.82**		Remove additional 6" soils
Soil	12/23/08	FGM-VSC-205	C	2	18 - 21	2	0.036	ND	0.146	0.146	0.29	J	None - excavation complete
Soil	12/23/08	FGM-VSC-206	C	2	18 - 21	3	0.036	ND	ND	< 0.036	--		None - excavation complete
Soil	12/24/08	FGM-VSC-207	C	2	18 - 21	3	0.04	ND	0.058	0.058	0.17		None - excavation complete

Table 2.5A
Post-Excavation Soil Verification Sample Results
MIT W85 Westgate - Final Completion Report

Media	Date	Sample ID	Composite (C) or Discrete (D)	Excavation Round	Sample Depth	Number of Individuals in Sample	Detection Limit	Aroclor 1254	Aroclor 1260	Total PCBs	Max Discrete Value	Data Qualifier	Action
Building FG Excavation Area N													
Soil	12/11/08	FGN-VSC-082	C	1	12 - 15	2	0.2	ND	**1.63**	**1.63**	**3.26**		Remove additional 6" soils
Soil	12/11/08	FGN-VSC-083	C	1	12 - 15	3	0.036	ND	0.14	0.14	0.42		None - excavation complete
Soil	12/11/08	FGN-VSC-084	C	1	12 - 15	2	0.036	ND	0.093	0.093	0.19		None - excavation complete
Soil	12/11/08	FGN-VSC-085	C	1	12 - 15	2	0.04	ND	0.182	0.182	0.36		None - excavation complete
Soil	12/23/08	FGN-VSC-204	C	2	18 - 21	2	0.073	ND	**1.53**	**1.53**	**3.06**		Remove additional 6" soils
Soil	1/5/09	FGN-VSC-228	C	3	24 - 27	2	0.036	ND	0.086	0.086	0.17		None - excavation complete
Building FG Excavation Area O													
Soil	12/16/08	FGO-VSC-152	C	1	12 - 15	3	0.04	ND	ND	< 0.040	--		None - excavation complete
Soil	12/16/08	FGO-VSC-153	C	1	12 - 15	3	0.04	ND	ND	< 0.040	--		None - excavation complete
Soil	12/16/08	FGO-VSC-154	C	1	12 - 15	3	0.036	ND	0.122	0.122	0.37		None - excavation complete
Soil	12/16/08	FGO-VSC-155	C	1	12 - 15	3	0.036	ND	0.031	0.031	0.09		None - excavation complete
Soil	12/16/08	FGO-VSC-156	C	1	12 - 15	2	0.036	ND	0.076	0.076	0.15		None - excavation complete
Building FG Excavation Area P													
Soil	12/10/08	FGP-VSC-086	C	1	12 - 15	2	0.04	ND	0.055	0.055	0.11	J	None - excavation complete
Soil	12/10/08	FGP-VSC-087	C	1	12 - 15	2	0.04	ND	0.045	0.045	0.09	J	None - excavation complete
Soil	12/10/08	FGP-VSC-088	C	1	12 - 15	3	0.036	ND	0.363	0.363	1.09		None - excavation complete
Soil	12/10/08	FGP-VSC-089	C	1	12 - 15	3	0.04	ND	0.323	0.323	0.97		None - excavation complete
Soil	12/10/08	FGP-VSC-090	C	1	12 - 15	3	0.04	ND	0.201	0.201	0.6	J	None - excavation complete
Soil	12/10/08	FGP-VSC-091	C	1	12 - 15	2	0.043	ND	0.212	0.212	0.42	J	None - excavation complete
Soil	12/10/08	FGP-VSC-092	C	1	12 - 15	2	0.036	ND	0.032	0.032	0.06		None - excavation complete
Soil	12/10/08	FGP-VSC-093	C	1	12 - 15	3	0.036	ND	0.091	0.091	0.27	J	None - excavation complete
Soil	12/10/08	FGP-VSC-094	C	1	12 - 15	3	0.033	ND	0.39	0.39	**1.17**		Analyze discrete samples
Soil	12/10/08	FGP-VSD-094A	D	1	12 - 15	1	0.036	ND	0.925	0.925	0.93		None - excavation complete
Soil	12/10/08	FGP-VSD-094B	D	1	12 - 15	1	0.036	ND	0.107	0.107	0.11		None - excavation complete
Soil	12/10/08	FGP-VSD-094C	D	1	12 - 15	1	0.033	ND	0.027	0.027	0.03	J	None - excavation complete
Soil	12/10/08	FGP-VSC-114	C	1	12 - 15	2	0.033	ND	ND	< 0.033	--		None - excavation complete
Soil	12/10/08	FGP-VSC-115	C	1	12 - 15	2	0.073	ND	0.115	0.115	0.23		None - excavation complete
Soil	12/10/08	FGP-VSC-125	C	1	12 - 15	2	0.076	ND	0.266	0.266	0.53	J	None - excavation complete
Soil	12/10/08	FGP-VSC-126	C	1	12 - 15	2	0.036	ND	0.114	0.114	0.23		None - excavation complete
Soil	12/10/08	FGP-VSC-127	C	1	12 - 15	2	0.04	ND	0.07	0.07	0.14		None - excavation complete
Soil	12/10/08	FGP-VSC-128	C	1	12 - 15	2	0.079	ND	0.233	0.233	0.47		None - excavation complete
Soil	12/10/08	FGP-VSC-129	C	1	12 - 15	2	0.04	ND	0.109	0.109	0.22		None - excavation complete
Soil	12/10/08	FGP-VSC-130	C	1	12 - 15	2	0.036	ND	ND	< 0.036	--		None - excavation complete
Soil	12/10/08	FGP-VSC-150	C	1	12 - 15	3	0.04	ND	0.33	0.33	0.99		None - excavation complete
Soil	12/10/08	FGP-VSC-151	C	1	12 - 15	2	0.2	ND	**3.27**	**3.27**	**6.54**		Remove additional 6" soils
Soil	12/24/08	FGP-VSC-208	C	2	18 - 21	2	0.04	ND	0.063	0.063	0.13	J	None - excavation complete
Soil	4/1/09	FGP-VSS-001	D	1	12 - 15	1	0.046	ND	0.196	0.196	0.2		None - excavation complete

Table 2.5A
Post-Excavation Soil Verification Sample Results
MIT W85 Westgate - Final Completion Report

Media	Date	Sample ID	Composite (C) or Discrete (D)	Excavation Round	Sample Depth	Number of Individuals in Sample	Detection Limit	Aroclor 1254	Aroclor 1260	Total PCBs	Max Discrete Value	Data Qualifier	Action
Building FG Excavation Area Q													
Soil	12/5/08	FGQ-VSC-030	C	1	12 - 15	3	0.04	ND	0.287	0.287	0.86		None - excavation complete
Soil	12/5/08	FGQ-VSC-031	C	1	12 - 15	3	0.04	ND	0.068	0.068	0.2		None - excavation complete
Soil	12/5/08	FGQ-VSC-032	C	1	12 - 15	3	0.04	ND	0.273	0.273	0.82		None - excavation complete
Soil	12/9/08	FGQ-VSC-120	C	1	12 - 15	2	0.036	ND	0.063	0.063	0.13		None - excavation complete
Soil	12/9/08	FGQ-VSC-121	C	1	12 - 15	2	0.04	ND	0.147	0.147	0.29		None - excavation complete
Soil	12/9/08	FGQ-VSC-122	C	1	12 - 15	2	0.15	ND	0.395	0.395	0.79		None - excavation complete
Building HJK Excavation Area R													
Soil	12/10/08	HJKR-VSC-095	C	1	12 - 15	2	0.04	ND	0.153	0.153	0.31		None - excavation complete
Soil	12/9/08	HJKR-VSC-096	C	1	12 - 15	3	0.036	ND	0.29	0.29	0.87		None - excavation complete
Soil	12/9/08	HJKR-VSC-097	C	1	12 - 15	3	0.033	ND	0.221	0.221	0.66		None - excavation complete
Soil	12/10/08	HJKR-VSC-131	C	1	12 - 15	2	0.04	ND	0.105	0.105	0.21		None - excavation complete
Soil	12/9/08	HJKR-VSC-132	C	1	12 - 15	2	0.033	ND	0.122	0.122	0.24		None - excavation complete
Soil	12/9/08	HJKR-VSC-133	C	1	12 - 15	2	0.04	ND	0.034	0.034	0.07		None - excavation complete
Building HJK Excavation Area S													
Soil	12/9/08	HJKS-VSC-098	C	1	12 - 15	2	1.72	**37.5**	ND	**37.5**	**75**		Remove additional 6" soils
Soil	12/9/08	HJKS-VSC-099	C	1	12 - 15	2	0.033	ND	0.648	0.648	**1.30**		Analyze discrete samples
Soil	12/9/08	HJKS-VSD-099A	D	1	12 - 15	1	0.033	ND	0.449	0.449	0.45		None - excavation complete
Soil	12/9/08	HJKS-VSD-099B	D	1	12 - 15	1	0.033	ND	0.072	0.072	0.07		None - excavation complete
Soil	12/9/08	HJKS-VSC-100	C	1	12 - 15	2	0.033	ND	0.293	0.293	0.59		None - excavation complete
Soil	12/9/08	HJKS-VSC-101	C	1	12 - 15	2	0.033	ND	0.413	0.413	0.83		None - excavation complete
Soil	12/9/08	HJKS-VSC-140	C	1	12 - 15	2	0.036	ND	0.041	0.041	0.08		None - excavation complete
Soil	12/9/08	HJKS-VSC-141	C	1	12 - 15	3	0.036	ND	0.28	0.28	0.84		None - excavation complete
Soil	12/9/08	HJKS-VSC-142	C	1	12 - 15	3	0.04	ND	0.151	0.151	0.45	J	None - excavation complete
Soil	12/9/08	HJKS-VSC-143	C	1	12 - 15	2	0.036	ND	0.067	0.067	0.13		None - excavation complete
Soil	12/9/08	HJKS-VSC-189	C	1	12 - 15	2	0.036	ND	0.04	0.04	0.08		None - excavation complete
Soil	12/23/08	HJKS-VSC-203	C	2	18 - 21	2	0.036	ND	ND	< 0.036	--		None - excavation complete
Building HJK Excavation Area T													
Soil	12/9/08	HJKT-VSC-102	C	1	12 - 15	2	0.17	ND	**2.40**	**2.40**	**4.8**		Remove additional 6" soils
Soil	12/9/08	HJKT-VSC-103	C	1	12 - 15	2	0.036	ND	0.105	0.105	0.21		None - excavation complete
Soil	12/8/08	HJKT-VSC-104	C	1	12 - 15	2	0.036	ND	0.028	0.028	0.06		None - excavation complete
Soil	12/9/08	HJKT-VSC-105	C	1	12 - 15	2	0.033	ND	0.089	0.089	0.18		None - excavation complete
Soil	12/8/08	HJKT-VSC-136	C	1	12 - 15	2	0.036	ND	0.02	0.02	0.04		None - excavation complete
Soil	12/9/08	HJKT-VSC-137	C	1	12 - 15	3	0.033	ND	0.095	0.095	0.29		None - excavation complete
Soil	12/9/08	HJKT-VSC-138	C	1	12 - 15	3	0.036	ND	0.055	0.055	0.17		None - excavation complete
Soil	12/9/08	HJKT-VSC-139	C	1	12 - 15	2	0.033	ND	0.033	0.033	0.07		None - excavation complete
Soil	12/9/08	HJKT-VSC-188	C	1	12 - 15	2	0.036	ND	0.114	0.114	0.23		None - excavation complete
Soil	12/23/08	HJKT-VSC-202	C	2	18 - 21	2	0.033	ND	0.153	0.153	0.31		None - excavation complete

Table 2.5A
Post-Excavation Soil Verification Sample Results
MIT W85 Westgate - Final Completion Report

Media	Date	Sample ID	Composite (C) or Discrete (D)	Excavation Round	Sample Depth	Number of Individuals in Sample	Detection Limit	Aroclor 1254	Aroclor 1260	Total PCBs	Max Discrete Value	Data Qualifier	Action
Building HJK Excavation Area U													
Soil	12/8/08	HJKU-VSC-106	C	1	12 - 15	3	0.036	ND	0.13	0.13	0.39		None - excavation complete
Soil	12/8/08	HJKU-VSC-107	C	1	12 - 15	3	0.036	ND	0.166	0.166	0.5		None - excavation complete
Soil	12/23/08	HJKU-VSC-108	C	1	12 - 15	2	0.036	0.112	0.064	0.176	0.35		None - excavation complete
Soil	12/23/08	HJKU-VSC-109	C	1	12 - 15	2	0.036	ND	0.141	0.141	0.28		None - excavation complete
Soil	12/23/08	HJKU-VSC-110	C	1	12 - 15	2	0.073	ND	0.45	0.45	0.9		None - excavation complete
Soil	12/23/08	HJKU-VSC-111	C	1	12 - 15	2	0.04	ND	0.244	0.244	0.49		None - excavation complete
Soil	12/8/08	HJKU-VSC-134	C	1	12 - 15	2	0.036	ND	0.054	0.054	0.11		None - excavation complete
Soil	12/8/08	HJKU-VSC-135	C	1	12 - 15	2	0.036	ND	0.031	0.031	0.06		None - excavation complete
Soil	12/19/08	HJKU-VSC-144	C	1	12 - 15	3	0.033	ND	0.049	0.049	0.15		None - excavation complete
Soil	12/19/08	HJKU-VSC-145	C	1	12 - 15	3	0.033	ND	0.358	0.358	1.07		None - excavation complete
Soil	12/23/08	HJKU-VSC-146	C	1	12 - 15	2	0.033	0.686	0.324	1.01	**2.02**	J	Remove additional 6" soils
Soil	12/23/08	HJKU-VSC-147	C	1	12 - 15	2	0.036	0.374	0.235	0.609	**1.22**	J	Analyze discrete samples
Soil	12/23/08	HJKU-VSD-147A	D	1	12 - 15	1	0.036	ND	0.165	0.165	0.17		None - excavation complete
Soil	12/23/08	HJKU-VSD-147B	D	1	12 - 15	1	0.036	ND	0.28	0.28	0.28		None - excavation complete
Soil	12/23/08	HJKU-VSC-148	C	1	12 - 15	2	0.036	0.516	0.233	0.749	**1.5**		Analyze discrete samples
Soil	12/23/08	HJKU-VSD-148A	D	1	12 - 15	1	0.036	ND	0.184	0.184	0.18		None - excavation complete
Soil	12/23/08	HJKU-VSD-148B	D	1	12 - 15	1	0.036	0.687	0.325	1.01	1.01		None - excavation complete
Soil	1/5/09	HJKU-VSC-229	C	2	18 - 21	2	0.036	ND	0.227	0.227	0.45		None - excavation complete
Soil	4/1/09	HJKU-VSS-002	D	1	12 - 15	1	0.043	ND	0.776	0.776	0.78		None - excavation complete
Building HJK Excavation Area V													
Soil	12/5/08	HJKV-VSC-033	C	1	12 - 15	3	0.033	ND	0.049	0.049	0.15		None - excavation complete
Soil	12/5/08	HJKV-VSC-116	C	1	12 - 15	3	0.036	ND	0.746	0.746	**2.24**		Analyze discrete samples
Soil	12/5/08	HJKV-VSD-116A	D	1	12 - 15	1	0.033	ND	0.07	0.07	0.07		None - excavation complete
Soil	12/5/08	HJKV-VSD-116B	D	1	12 - 15	1	0.4	ND	**6.28**	**6.28**	**6.28**		Remove additional 6" soils
Soil	12/5/08	HJKV-VSD-116C	D	1	12 - 15	1	0.04	ND	0.448	0.448	0.45		None - excavation complete
Soil	12/24/08	HJKV-VSD-212	D	2	18 - 21	1	0.04	ND	0.204	0.204	0.2		None - excavation complete

All samples extracted by 3540C and analyzed by USEPA Method 8082.
All sample results are presented in milligrams per kilogram (mg/kg).
Depth is measured in inches below ground surface, where "0" represents the original surface
ND = Non-detect; concentration below the laboratory's minimum reporting limit, as indicated.
J = Concentration is estimated based on data validation.
A **bold** concentration indicates an exceedance of the 1 ppm cleanup level.
Soils represented by the samples highlighted in yellow were subsequently excavated and resampled.
Max discrete value is equal to the number of individual samples in the composite times the composite result, or, is equal to the reported result for a discrete sample.

Table 2.5B

Asphalt Verification Sample Results
MIT W85 Westgate - Final Completion Report

Media	Depth	Date	Sample ID	Detection Limit	Aroclor 1254	Aroclor 1260	Total PCBs	Sampling Rationale
Asphalt	0 - 0.5	12/5/08	HJKS-CAS-019	0.330	0.515	0.471	0.986	Post-decontamination resample
Asphalt	0 - 0.5	12/5/08	HJKS-CAS-020	0.630	0.703	0.825	1.53 (J)	Post-decontamination resample
Asphalt	0 - 0.5	12/5/08	FGS-CAS-021	0.330	0.451	0.388	0.839 (J)	Post-decontamination resample
Asphalt	0 - 0.5	12/5/08	FGS-CAS-022	0.300	0.515	0.406	0.921	Post-decontamination resample
Asphalt	0 - 0.5	4/1/09	ABCS-CAS-023	0.330	ND	ND	ND	Former roll-off location (Audrey St.)
Asphalt	0 - 0.5	4/1/09	ABCS-CAS-024	0.330	ND	ND	ND	Former roll-off location (Audrey St.)
Asphalt	0 - 0.5	4/1/09	FGP-CAS-025	0.330	ND	ND	ND	Former roll-off location (Amherst Alley)
Asphalt	0 - 0.5	4/1/09	HJKS-CAS-026	0.330	ND	0.631	0.631	HJKS-CAS-020 area resample
Asphalt	0 - 0.5	4/1/09	HJKS-CAS-027	0.330	ND	0.918	0.918	HJKS-CAS-020 area resample
Asphalt	0 - 0.5	4/1/09	HJKS-CAS-028	0.330	ND	0.834	0.834	HJKS-CAS-020 area resample

Notes:
All samples extracted by 3540C and analyzed by USEPA Method 8082.
All sample results are presented in milligrams per kilogram (mg/kg).
Depth is measured in inches below ground surface, where "0" represents the original surface
ND = Non-detect; concentration below the laboratory's minimum reporting limit, as indicated.
J = Concentration is estimated based on data validation.

Table 2.5C
Soil Verification Sampling Summary
MIT W85 Westgate - Final Completion Report

Building	Excavation Area Identifier	First Round Samples		Second Round Samples		Third Round Samples		Fourth Round Samples		Total Samples Analyzed	
		Composite Samples Analyzed	Discrete Samples Analyzed	Composite Samples Analyzed	Discrete Samples Analyzed	Composite Samples Analyzed	Discrete Samples Analyzed	Composite Samples Analyzed	Discrete Samples Analyzed	Composite Samples	Discrete Samples
ABC	A	26	6	4	2	0	0	0	0	30	8
	B	12	0	3	0	0	0	0	0	15	0
	C	4	4	1	1	0	0	0	0	5	5
	D	6	8	1	0	0	0	0	0	7	8
	E	6	25	0	2	0	0	0	0	6	27
	F	6	0	9	2	0	4	0	1	15	7
ABC Subtotal		**60**	**43**	**18**	**7**	**0**	**4**	**0**	**1**	**78**	**55**
DE	G	5	0	3	3	0	0	0	0	8	3
	H	4	5	1	2	0	0	0	0	5	7
	I	12	15	2	3	0	0	0	0	14	18
	J	5	14	0	0	0	0	0	0	5	14
DE Subtotal		**26**	**34**	**6**	**8**	**0**	**0**	**0**	**0**	**32**	**42**
FG	K	2	3	0	3	0	1	0	0	2	7
	L	10	7	0	0	0	0	0	0	10	7
	M	6	0	3	0	0	0	0	0	9	0
	N	4	0	1	0	1	0	0	0	6	0
	O	5	0	0	0	0	0	0	0	5	0
	P	19	3	1	0	0	0	0	0	20	3
	Q	6	0	0	0	0	0	0	0	6	0
FG Subtotal		**52**	**13**	**5**	**3**	**1**	**1**	**0**	**0**	**58**	**17**
HJK	R	6	0	0	0	0	0	0	0	6	0
	S	9	2	1	0	0	0	0	0	10	2
	T	9	0	1	0	0	0	0	0	10	0
	U	13	4	1	0	0	0	0	0	14	4
	V	2	3	0	1	0	0	0	0	2	4
HJK Subtotal		**39**	**9**	**3**	**1**	**0**	**0**	**0**	**0**	**42**	**10**
Westgate Complex Totals		**177**	**99**	**32**	**19**	**1**	**5**	**0**	**1**	**210**	**124**

Note: Totals do not include field duplicate or field equipment blank QA/QC samples submitted for analysis.

Table 2.7A

Post-Cleanup Interior Wipe Sample Results
MIT W85 Westgate - Final Completion Report

Building and Unit	Sample Date	Location[1] (feet)	Sample ID	Result (µg/100 cm^2)
A2	04/02/09	11.3	A2S-VWS-001	0.4
A3	04/02/09	0.7	A3S-VWS-002	<0.5
A4	04/02/09	3.6	A4C-VWS-003	1.4
B1	04/02/09	15.2	B1C-VWS-004	0.9
B4	04/02/09	0.5	B4C-VWS-005	<0.5
B6	04/02/09	15.2	B6S-VWS-006	0.4
C2	04/02/09	10.5	C2C-VWS-007	0.5
C3	04/02/09	3.2	C3S-VWS-008	<0.5
C5	04/02/09	15.7	C5C-VWS-009	0.8
D2	04/02/09	12.9	D2C-VWS-010	0.9
D3	04/02/09	14.2	D3S-VWS-011	<0.5
D5	04/02/09	16.8	D5C-VWS-012	0.4 J
E1	04/02/09	17.9	E1S-VWS-013	0.9
E4	04/02/09	15.6	E4C-VWS-015	0.9
E5	04/02/09	14.4	E5S-VWS-014	0.5
F2	04/02/09	19.1	F2S-VWS-016	0.3 J
F5	04/02/09	13.6	F5S-VWS-017	1.7
F6	04/02/09	6.4	F6C-VWS-018	0.6
G1	04/02/09	10.1	G1S-VWS-019	1.0
G3	04/02/09	4.5	G3C-VWS-020	0.4
G5	04/02/09	2.8	G5C-VWS-021	0.2
H4	04/02/09	1.5	H4C-VWS-022	0.6
H5	04/02/09	1.7	H5C-VWS-023	0.5 J
H6	04/02/09	15.7	H6S-VWS-024	1.8
J2	04/03/09	3.6	J2S-VWS-025	<0.5
J4	04/03/09	20.3	J4C-VWS-026	<0.5
J5	04/03/09	12.3	J5S-VWS-028	<1
K1	04/03/09	19.7	K1C-VWS-029	<0.5
K3	04/03/09	0.6	K3S-VWS-030	<0.5
K6	04/03/09	4.2	K6S-VWS-031	<0.5

Notes:

Location provided in feet from left window sill corner as viewed facing window units from inside.

J: Result qualified due to relative percent difference between samples outside acceptance criteria (≤25%).

ug/100cm^2 = micrograms per 100 square centimeters.

Table 2.7B

Backfill Analytical Data
MIT W85 Westgate - Final Completion Report

Analysis	Units	RCS-1 Standard	Result	Detection Limit
General Chemistry				
Ignitability	--	NE	NI	--
pH	SU	NE	7.6	--
Reactive Cyanide	mg/kg	NE	ND	10
Reactive Sulfide	mg/kg	NE	ND	10
Total Solids	%	NE	80	0.1
Total Metals				
Arsenic	mg/kg	20	8.9	0.57
Barium	mg/kg	1,000	38	0.57
Cadmium	mg/kg	2	ND	0.57
Chromium	mg/kg	30	22	0.57
Lead	mg/kg	300	68	2.9
Mercury	mg/kg	20	0.14	0.1
Selenium	mg/kg	400	ND	2.9
Silver	mg/kg	100	ND	0.57
VOCs				
1,1,1,2-Tetrachloroethane	ug/kg	100	ND	1.5
1,1,1-Trichloroethane	ug/kg	30,000	ND	1.5
1,1,2,2-Tetrachloroethane	ug/kg	5	ND	1.5
1,1,2-Trichloroethane	ug/kg	100	ND	2.3
1,1-Dichloroethane	ug/kg	400	ND	2.3
1,1-Dichloroethene	ug/kg	3,000	ND	1.5
1,1-Dichloropropene	ug/kg	NE	ND	7.6
1,2,3-Trichlorobenzene	ug/kg	NE	ND	7.6
1,2,3-Trichloropropane	ug/kg	NE	ND	15
1,2,4-Trichlorobenzene	ug/kg	2,000	ND	7.6
1,2,4-Trimethylbenzene	ug/kg	NE	ND	7.6
1,2-Dibromo-3-chloropropane	ug/kg	NE	ND	7.6
1,2-Dibromoethane	ug/kg	NE	ND	6.1
1,2-Dichlorobenzene	ug/kg	9,000	ND	7.6
1,2-Dichloroethane	ug/kg	100	ND	1.5
1,2-Dichloropropane	ug/kg	100	ND	5.3
1,3,5-Trimethylbenzene	ug/kg	NE	ND	7.6
1,3-Dichlorobenzene	ug/kg	1,000	ND	7.6
1,3-Dichloropropane	ug/kg	10	ND	7.6
1,4-Dichlorobenzene	ug/kg	700	ND	7.6
1,4-Dioxane	ug/kg	NE	ND	760
2,2-Dichloropropane	ug/kg	NE	ND	7.6
2-Butanone	ug/kg	NE	ND	15
2-Hexanone	ug/kg	NE	ND	15
4-Methyl-2-pentanone	ug/kg	NE	ND	15
Acetone	ug/kg	6,000	ND	15
Benzene	ug/kg	7,000	ND	1.5
Bromobenzene	ug/kg	NE	ND	7.6
Bromochloromethane	ug/kg	100	ND	7.6
Bromodichloromethane	ug/kg	100	ND	1.5
Bromoform	ug/kg	500	ND	6.1
Bromomethane	ug/kg	NE	ND	3
Carbon disulfide	ug/kg	NE	ND	76
Carbon tetrachloride	ug/kg	5,000	ND	1.5
Chlorobenzene	ug/kg	1,000	ND	1.5
Chloroethane	ug/kg	NE	ND	3
Chloroform	ug/kg	300	ND	2.3
Chloromethane	ug/kg	NE	ND	7.6

Table 2.7B

Backfill Analytical Data
MIT W85 Westgate - Final Completion Report

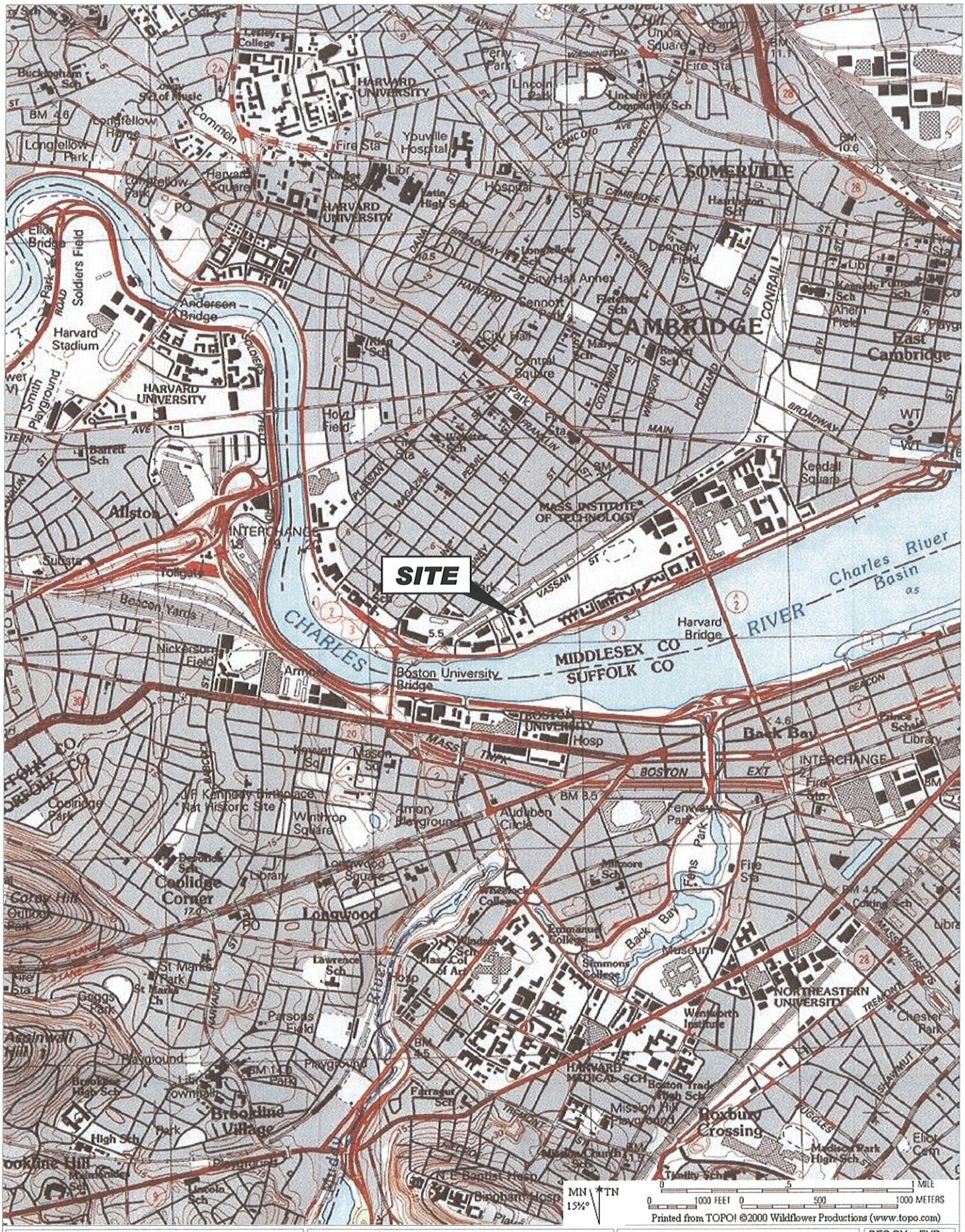
Analysis	Units	RCS-1 Standard	Result	Detection Limit
cis-1,2-Dichloroethene	ug/kg	300	ND	1.5
cis-1,3-Dichloropropene	ug/kg	NE	ND	1.5
Dibromochloromethane	ug/kg	NE	ND	1.5
Dibromomethane	ug/kg	NE	ND	15
Dichlorodifluoromethane	ug/kg	NE	ND	15
Ethyl ether	ug/kg	NE	ND	7.6
Ethylbenzene	ug/kg	40,000	ND	1.5
Ethyl-Tert-Butyl-Ether	ug/kg	1,000,000	ND	6.1
Hexachlorobutadiene	ug/kg	NE	ND	7.6
Isopropyl Ether	ug/kg	NE	ND	6.1
Isopropylbenzene	ug/kg	NE	ND	1.5
Methyl tert butyl ether	ug/kg	100	ND	3
Methylene chloride	ug/kg	100	ND	15
Naphthalene	ug/kg	4,000	ND	7.6
n-Butylbenzene	ug/kg	NE	ND	1.5
n-Propylbenzene	ug/kg	NE	ND	1.5
o-Chlorotoluene	ug/kg	NE	ND	7.6
o-Xylene	ug/kg	300,000	ND	3
p/m-Xylene	ug/kg	300,000	ND	3
p-Chlorotoluene	ug/kg	NE	ND	7.6
p-Isopropyltoluene	ug/kg	NE	ND	1.5
sec-Butylbenzene	ug/kg	NE	ND	1.5
Styrene	ug/kg	3,000	ND	3
tert-Butylbenzene	ug/kg	NE	ND	7.6
Tertiary-Amyl Methyl Ether	ug/kg	NE	ND	6.1
Tetrachloroethene	ug/kg	1,000	ND	1.5
Tetrahydrofuran	ug/kg	NE	ND	30
Toluene	ug/kg	30,000	ND	2.3
trans-1,2-Dichloroethene	ug/kg	1,000	ND	2.3
trans-1,3-Dichloropropene	ug/kg	NE	ND	1.5
Trichloroethene	ug/kg	300	ND	1.5
Trichlorofluoromethane	ug/kg	NE	ND	7.6
Vinyl chloride	ug/kg	600	ND	3
SVOCs				
1,2,4-Trichlorobenzene	ug/kg	2,000	ND	420
1,2-Dichlorobenzene	ug/kg	9,000	ND	420
1,3-Dichlorobenzene	ug/kg	1,000	ND	420
1,4-Dichlorobenzene	ug/kg	700	ND	420
2,4,5-Trichlorophenol	ug/kg	4,000	ND	420
2,4,6-Trichlorophenol	ug/kg	700	ND	420
2,4-Dichlorophenol	ug/kg	NE	ND	830
2,4-Dimethylphenol	ug/kg	700	ND	420
2,4-Dinitrophenol	ug/kg	3,000	ND	1700
2,4-Dinitrotoluene	ug/kg	700	ND	420
2,6-Dinitrotoluene	ug/kg	NE	ND	420
2-Chloronaphthalene	ug/kg	NE	ND	420
2-Chlorophenol	ug/kg	700	ND	500
2-Methylnaphthalene	ug/kg	700	ND	420
2-Methylphenol	ug/kg	NE	ND	500
2-Nitrophenol	ug/kg	NE	ND	1700
3,3'-Dichlorobenzidine	ug/kg	1,000	ND	830
3-Methylphenol/4-Methylphenol	ug/kg	NE	ND	500
4-Bromophenyl phenyl ether	ug/kg	NE	ND	420
4-Chloroaniline	ug/kg	1,000	ND	420
4-Nitrophenol	ug/kg	NE	ND	830

Table 2.7B

Backfill Analytical Data
MIT W85 Westgate - Final Completion Report

Analysis	Units	RCS-1 Standard	Result	Detection Limit
Acenaphthene	ug/kg	4,000	ND	420
Acenaphthylene	ug/kg	1,000	ND	420
Acetophenone	ug/kg	NE	ND	1700
Aniline	ug/kg	NE	ND	830
Anthracene	ug/kg	1,000,000	760	420
Azobenzene	ug/kg	1,000,000	ND	420
Benzo(a)anthracene	ug/kg	7,000	1,900	420
Benzo(a)pyrene	ug/kg	2,000	1,600	420
Benzo(b)fluoranthene	ug/kg	7,000	1,500	420
Benzo(ghi)perylene	ug/kg	1,000,000	790	420
Benzo(k)fluoranthene	ug/kg	70,000	1,500	420
Bis(2-chloroethoxy)methane	ug/kg	NE	ND	420
Bis(2-chloroethyl)ether	ug/kg	700	ND	420
Bis(2-chloroisopropyl)ether	ug/kg	700	ND	420
Bis(2-Ethylhexyl)phthalate	ug/kg	200,000	ND	830
Butyl benzyl phthalate	ug/kg	2,000	ND	420
Chrysene	ug/kg	NE	1,900	420
Dibenzo(a,h)anthracene	ug/kg	700	ND	420
Dibenzofuran	ug/kg	NE	ND	420
Diethyl phthalate	ug/kg	NE	ND	420
Dimethyl phthalate	ug/kg	30,000	ND	420
Di-n-butylphthalate	ug/kg	NE	ND	420
Di-n-octylphthalate	ug/kg	NE	ND	420
Fluoranthene	ug/kg	1,000,000	3,500	420
Fluorene	ug/kg	NE	ND	420
Hexachlorobenzene	ug/kg	700	ND	420
Hexachlorobutadiene	ug/kg	6,000	ND	830
Hexachloroethane	ug/kg	700	ND	420
Indeno(1,2,3-cd)Pyrene	ug/kg	NE	780	420
Isophorone	ug/kg	NE	ND	420
Naphthalene	ug/kg	4,000	ND	420
Nitrobenzene	ug/kg	NE	ND	420
Pentachlorophenol	ug/kg	3,000	ND	1700
Phenanthrene	ug/kg	10,000	2,600	420
Phenol	ug/kg	1,000	ND	580
Pyrene	ug/kg	1,000,000	2,900	420
Total Petroleum Hydrocarbons				
TPH	mg/kg	1,000	ND	208
PCBs				
Aroclor 1016	mg/kg	2	ND	0.042
Aroclor 1221	mg/kg	2	ND	0.042
Aroclor 1232	mg/kg	2	ND	0.042
Aroclor 1242	mg/kg	2	ND	0.042
Aroclor 1248	mg/kg	2	ND	0.042
Aroclor 1254	mg/kg	2	ND	0.042
Aroclor 1260	mg/kg	2	ND	0.042
Aroclor 1262	mg/kg	2	ND	0.042
Aroclor 1268	mg/kg	2	ND	0.042

Notes:
ug/kg = micrograms per kilogram
mg/kg = milligrams per kilogram
NE = No established criteria.
ND = Non-detect; not reported above the laboratory's minimum reporting limit.
NI = Not ignitable.



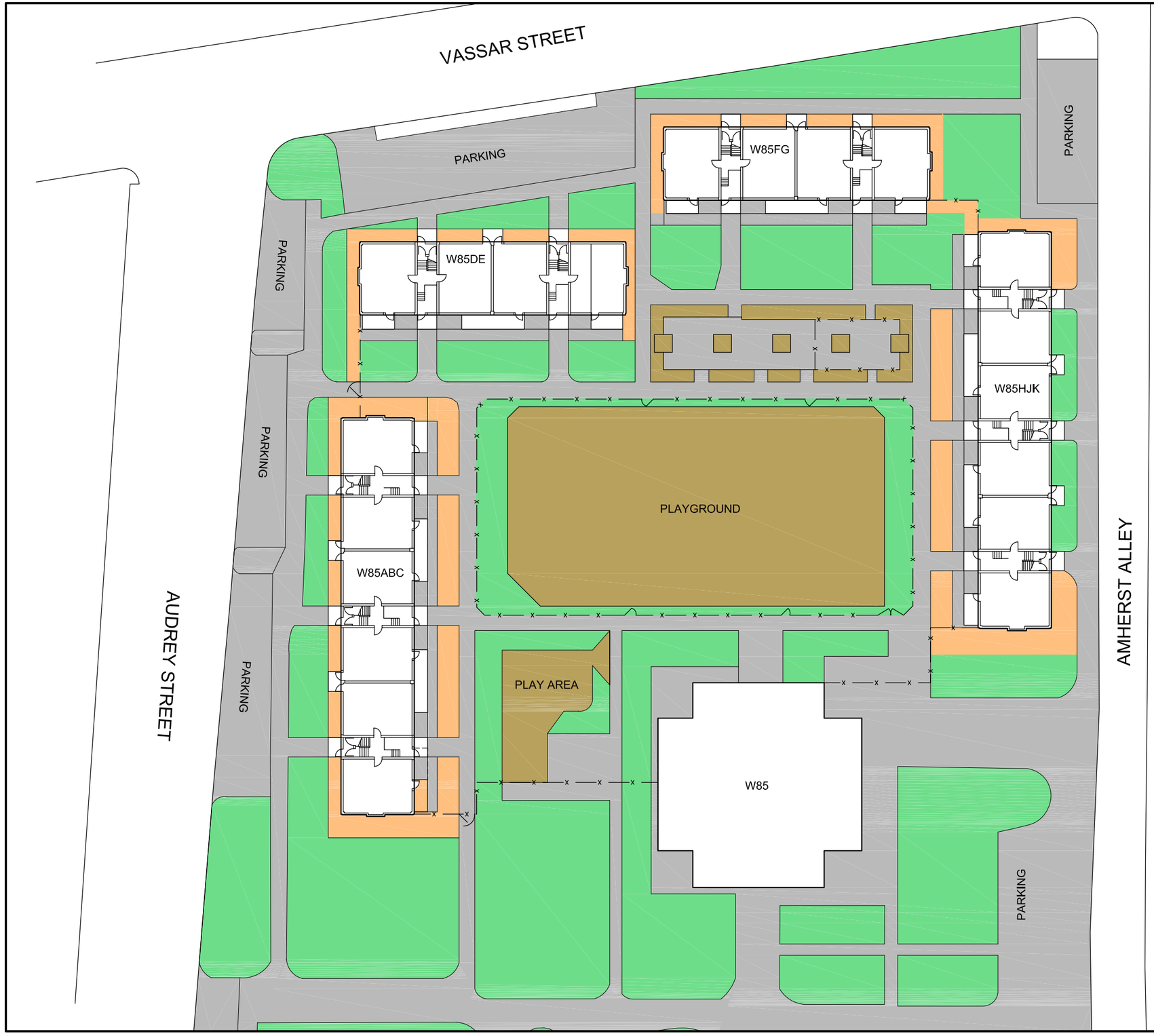
WOODARD & CURRAN
35 New England Business Center
Andover, MA 01810
COMMITMENT & INTEGRITY DRIVE RESULTS

MIT W85 WESTGATE
CAMBRIDGE, MASSACHUSETTS

SCALE: AS NOTED	JOB NO.: 210725
DATE: JULY 2009	FILE: Figure 1.1A.cnv

SITE LOCUS

DES.BY: EVR	
DR.BY: EVR	
CK.BY: GJF	
1.1A	



LEGEND

- ASPHALT OR CONCRETE
- GRASS OR LANDSCAPE MATERIALS
- WOOD CHIPS
- MULCH/GEOFABRIC
- x—— x—— FENCE

NOTE:

1. SITE PLAN ADAPTED FROM MIT CAMPUS MAP
2. WOODCHIPS WITH UNDERLYING LAYER OF POLYSHEETING INSTALLED AROUND BUILDINGS AS INDICATED TO PREVENT DIRECT CONTACT WITH SOILS ADJACENT TO BUILDINGS

0 40 80

SCALE IN FEET

35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD & CURRAN

SITE PLAN

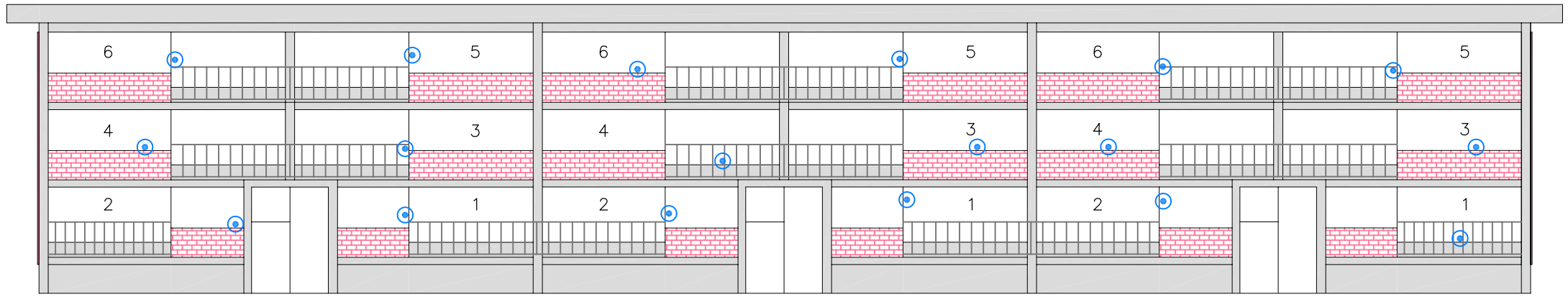
DESIGNED BY: GJF
DRAWN BY: SH
CHECKED BY:
Figure 1-2.dwg

MIT W85 WESTGATE
CAMBRIDGE, MASSACHUSETTS

FINAL COMPLETION REPORT

JOB NO: 210725
DATE: SEPT. 2008
SCALE: AS NOTED

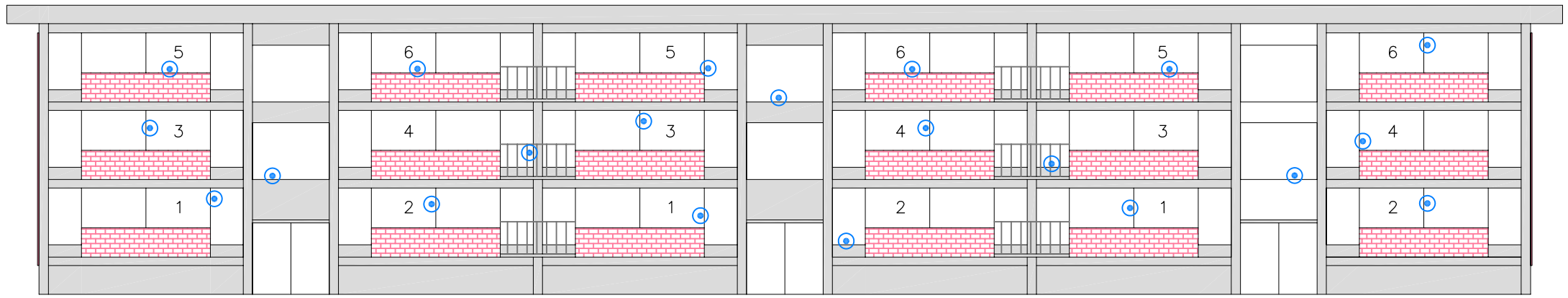
FIGURE 1.1B



COURTYARD SIDE

LEGEND

WIPE SAMPLE LOCATION



STREET SIDE

0 15 30

APPROXIMATE SCALE IN FEET

35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD &CURRAN

W85 ABC BUILDING
METAL TO METAL JOINT
WIPE SAMPLE LOCATIONS

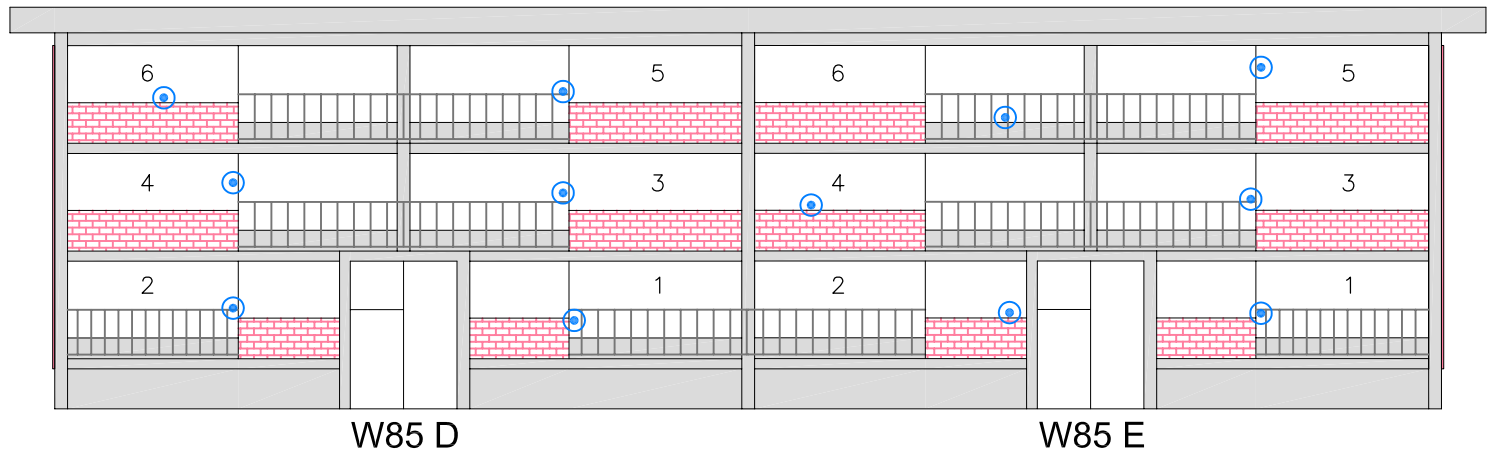
DESIGNED BY: EVR
DRAWN BY:
CHECKED BY: GJF
Figure 2.2A.dwg

MIT W85 WESTGATE
CAMBRIDGE, MASSACHUSETTS

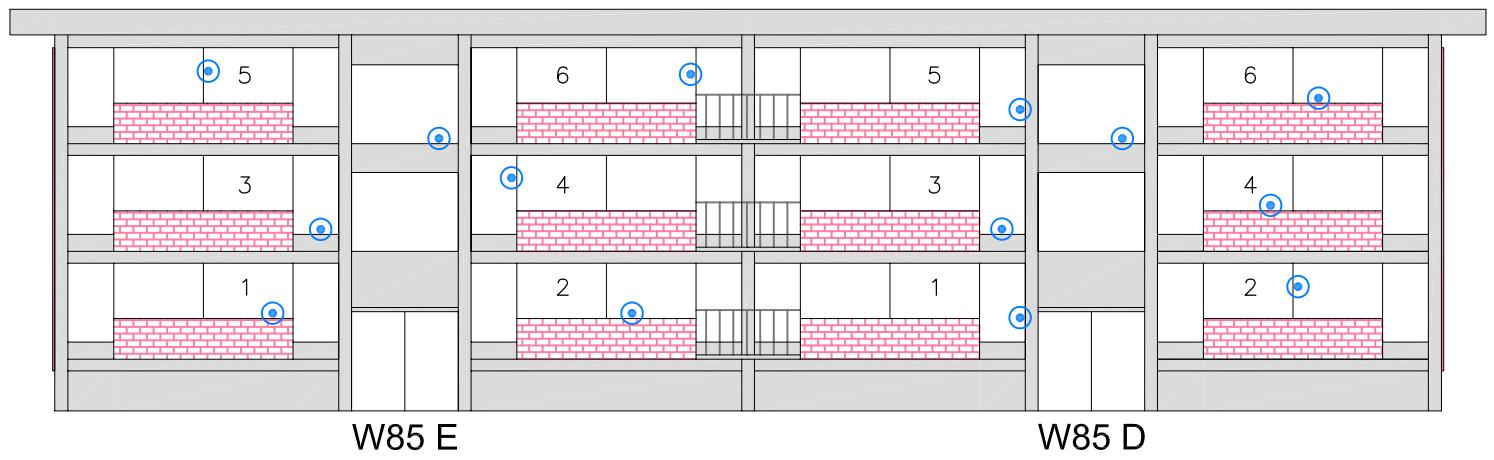
FINAL COMPLETION REPORT

JOB NO: 210725
DATE: JANUARY 2010
SCALE: AS NOTED

FIGURE 2.2A



COURTYARD SIDE



STREET SIDE

LEGEND

WIPE SAMPLE LOCATION

0 15 30

APPROXIMATE SCALE IN FEET

35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD &CURRAN

W85 DE BUILDING
METAL TO METAL JOINT
WIPE SAMPLE LOCATION

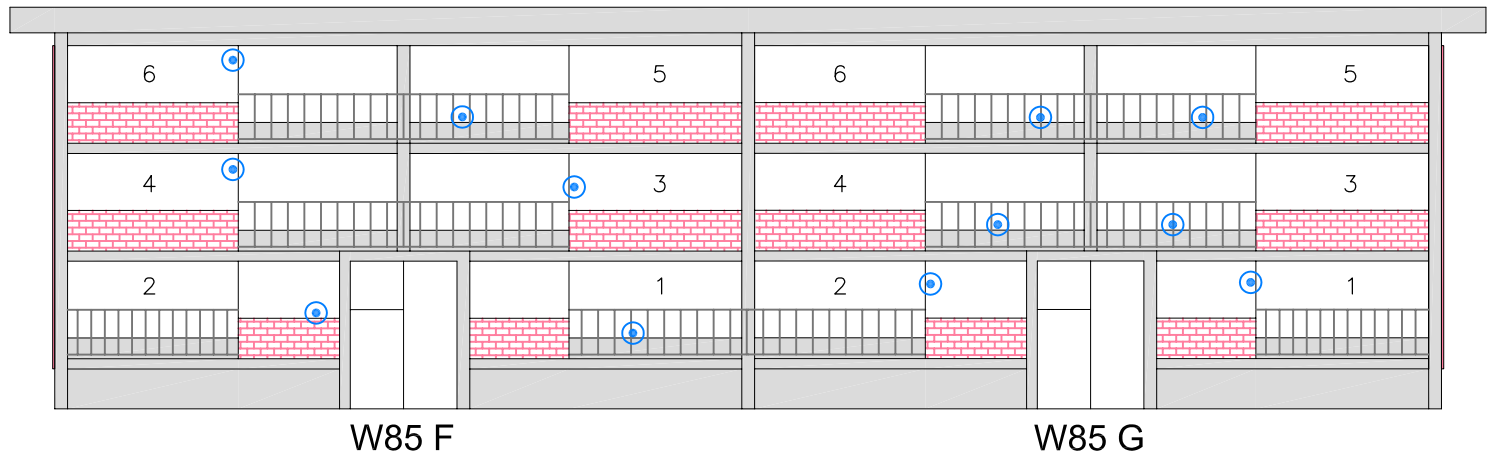
DESIGNED BY: EVR
DRAWN BY:
CHECKED BY: GJF
Figure 2.2B.dwg

MIT W85 WESTGATE
CAMBRIDGE, MASSACHUSETTS

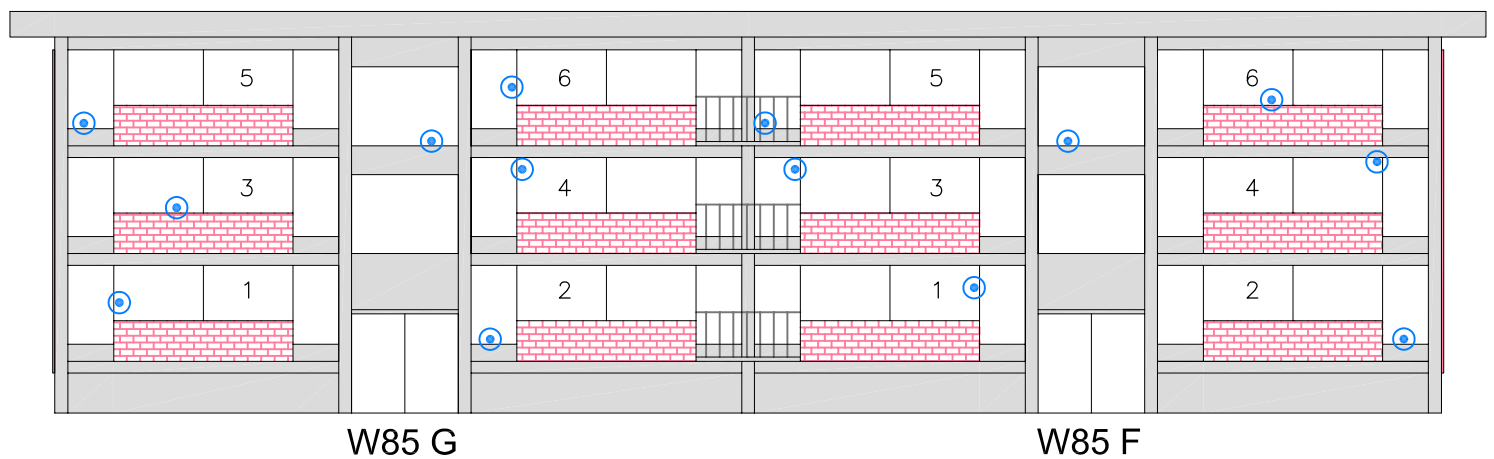
FINAL COMPLETION REPORT

JOB NO: 210725
DATE: JANUARY 2010
SCALE: AS NOTED

FIGURE 2.2B



COURTYARD SIDE



STREET SIDE

LEGEND

WIPE SAMPLE LOCATION

0 15 30

APPROXIMATE SCALE IN FEET

35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD & CURRAN

W85 FG BUILDING
METAL TO METAL JOINT
WIPE SAMPLE LOCATIONS

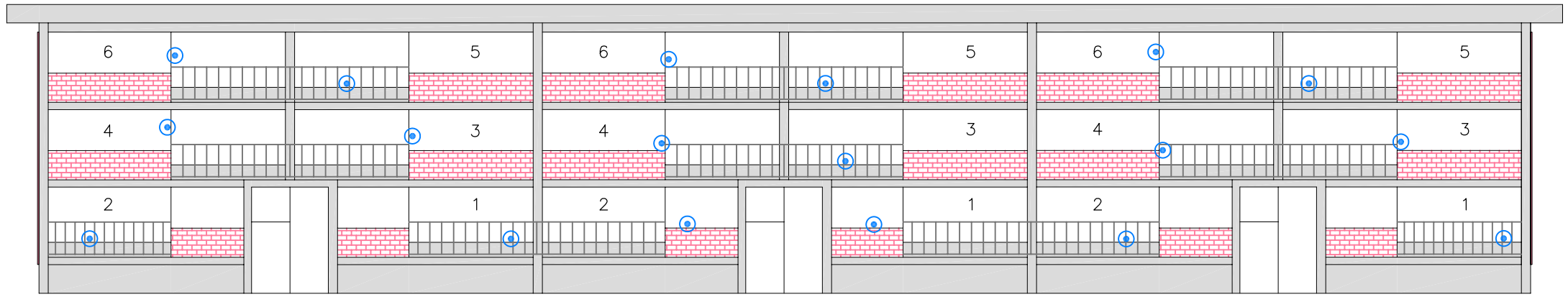
DESIGNED BY: EVR
DRAWN BY:
CHECKED BY: GJF
Figure 2.2C.dwg

MIT W85 WESTGATE
CAMBRIDGE, MASSACHUSETTS

FINAL COMPLETION REPORT

JOB NO: 210725
DATE: FEBRUARY 2010
SCALE: AS NOTED

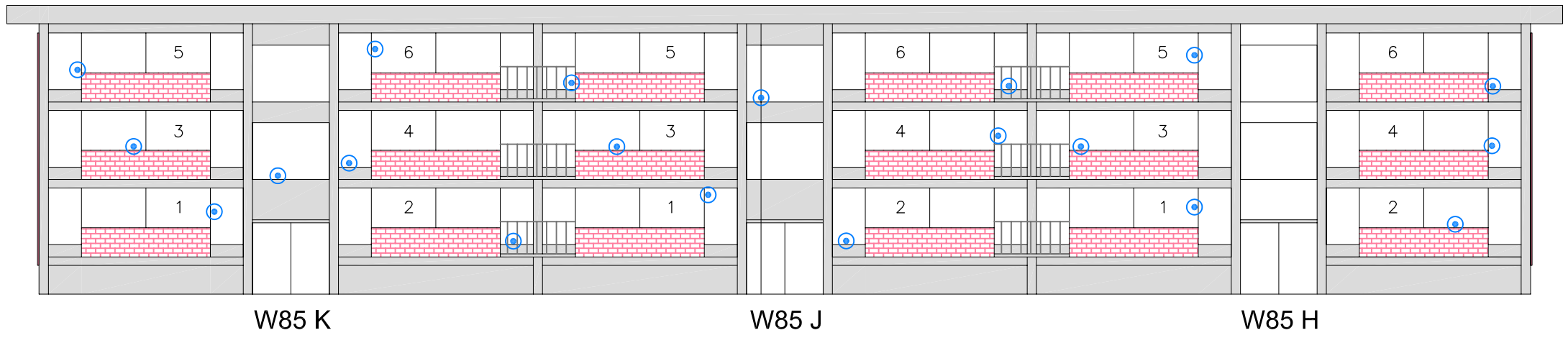
FIGURE 2.2C



COURTYARD SIDE

LEGEND

WIPE SAMPLE LOCATION



STREET SIDE

0 15 30

APPROXIMATE SCALE IN FEET

35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD & CURRAN

W85 HJK BUILDING
METAL TO METAL JOINT
WIPE SAMPLE LOCATIONS

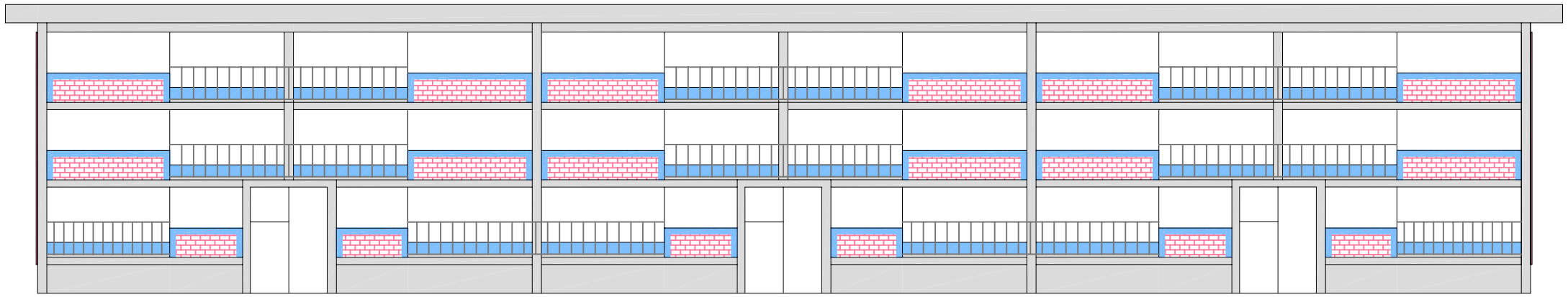
DESIGNED BY: EVR
DRAWN BY:
CHECKED BY: GJF
Figure 2.2D.dwg

MIT W85 WESTGATE
CAMBRIDGE, MASSACHUSETTS

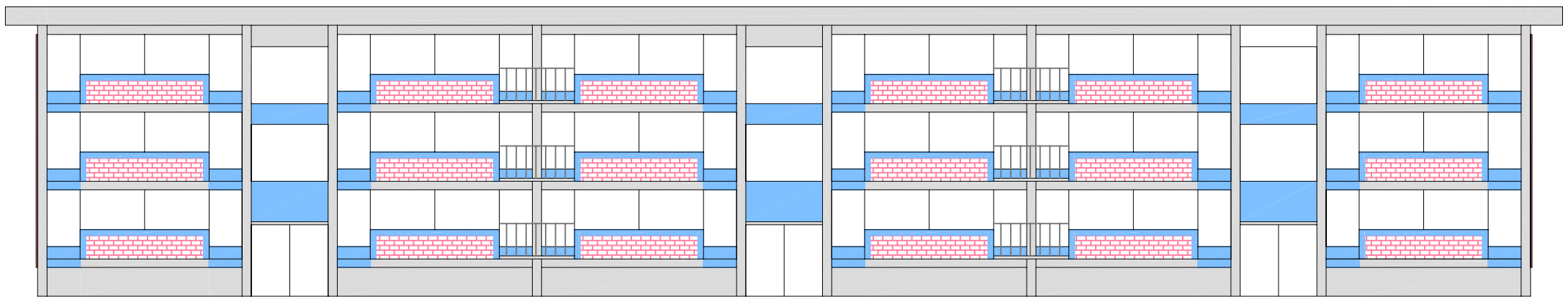
FINAL COMPLETION REPORT

JOB NO: 210725
DATE: FEBRUARY 2010
SCALE: AS NOTED

FIGURE 2.2D



COURTYARD SIDE



STREET SIDE

LEGEND

ENCAPSULATED AREAS

0 15 30

APPROXIMATE SCALE IN FEET

35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD &CURRAN

ENCAPSULATED VERTICAL SURFACES (BUILDING W85 ABC AND W85 HJK)

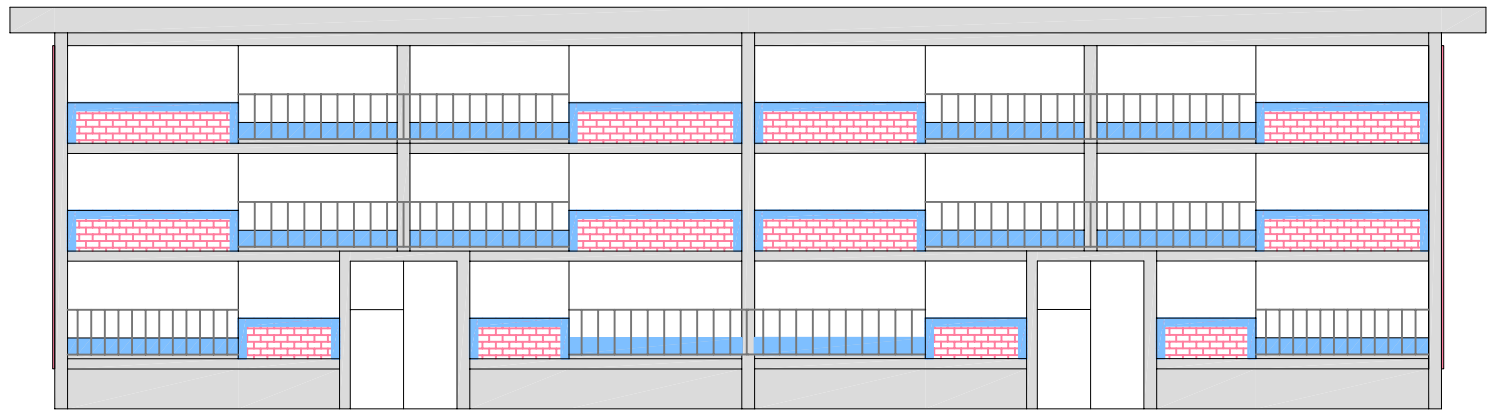
DESIGNED BY: EVR
DRAWN BY:
CHECKED BY: GJF
Figure 2.3A.dwg

MIT W85 WESTGATE
CAMBRIDGE, MASSACHUSETTS

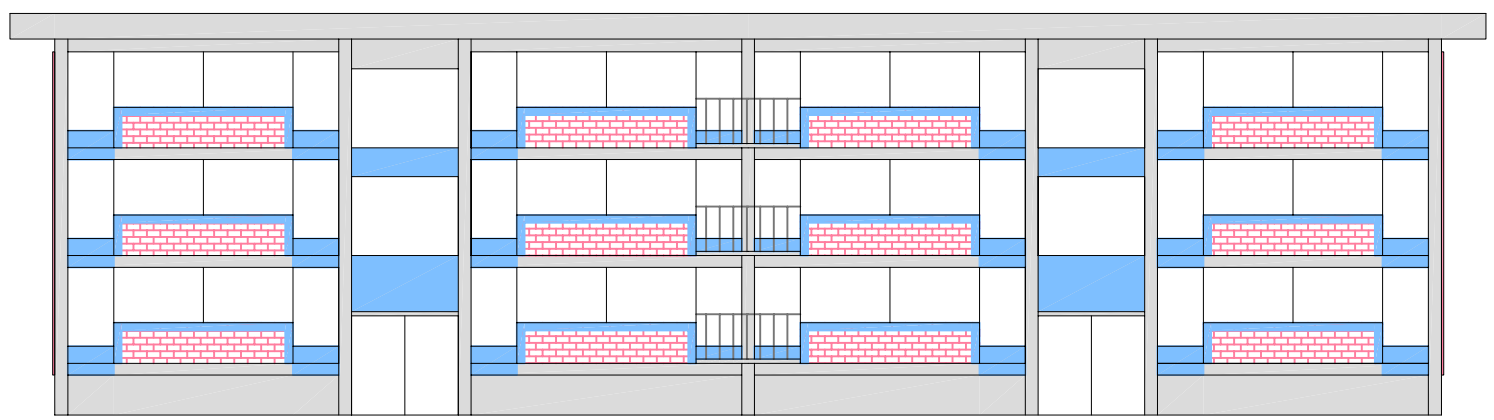
FINAL COMPLETION REPORT

JOB NO: 210725
DATE: FEBRUARY 2010
SCALE: AS NOTED

FIGURE 2.3A



COURTYARD SIDE



STREET SIDE

LEGEND

ENCAPSULATED AREAS

0 15 30

APPROXIMATE SCALE IN FEET

35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD &CURRAN

ENCAPSULATED VERTICAL SURFACES (BUILDING W85 DE AND W85 FG)

DESIGNED BY: EVR
DRAWN BY:
CHECKED BY: GJF
Figure 2.3B.dwg

MIT W85 WESTGATE
CAMBRIDGE, MASSACHUSETTS

FINAL COMPLETION REPORT

JOB NO: 210725
DATE: FEBRUARY 2010
SCALE: AS NOTED

FIGURE 2.3B

LEGEND

ENCAPSULATED AREAS

0 10 20

SCALE IN FEET

FIGURE 2.3C

JOB NO: 210725
DATE: FEBRUARY 2010
SCALE: AS NOTED

MIT W85 WESTGATE
CAMBRIDGE, MASSACHUSETTS

FINAL COMPLETION REPORT

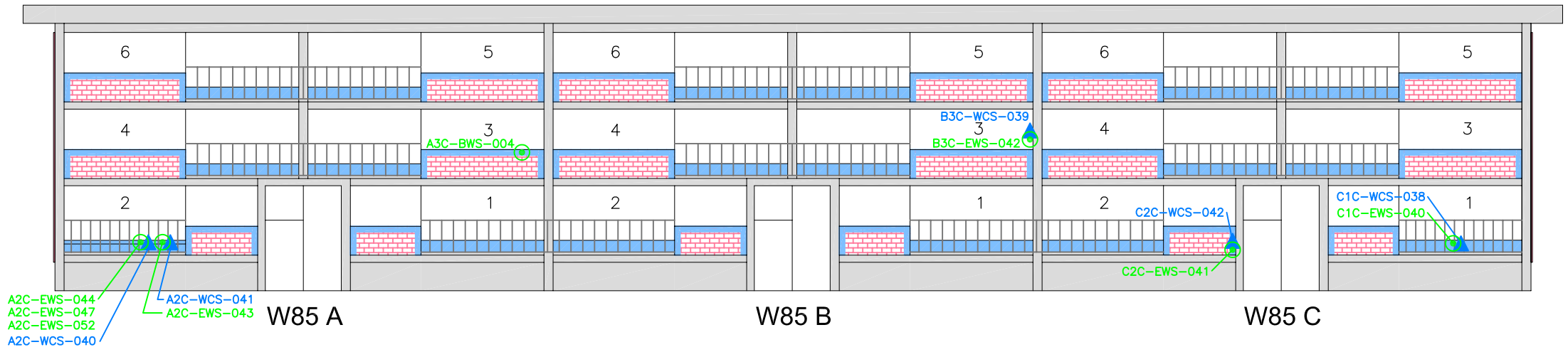
ENCAPSULATED VERTICAL SURFACES ENDS OF BUILDINGS

DESIGNED BY:	CHECKED BY: GJF
DRAWN BY: EVR	Figure 2.3C.dwg

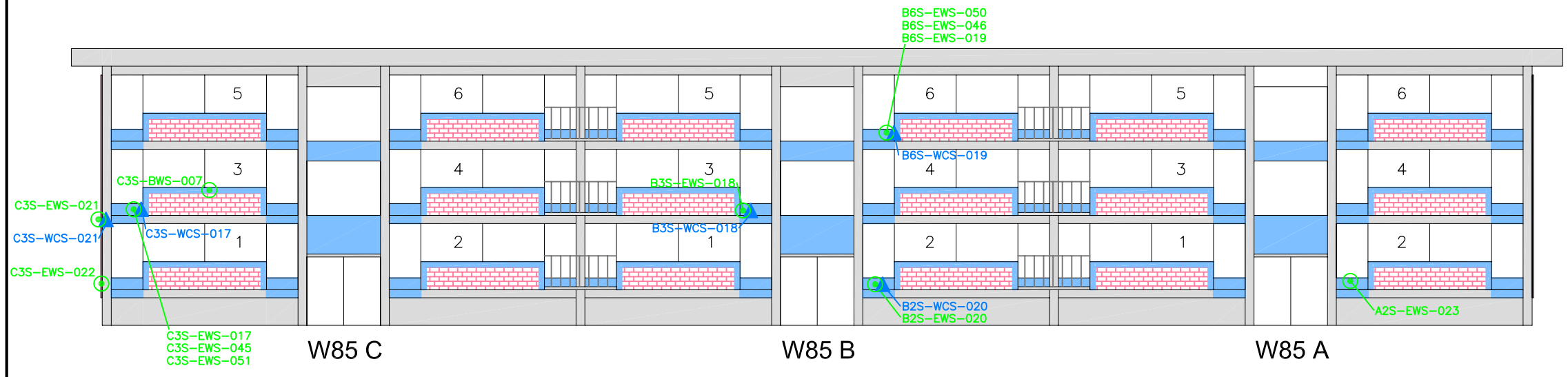
WOODARD &CURRAN

35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS



COURTYARD SIDE



STREET SIDE

LEGEND

- REMEDIATION AREAS
- B6S-WCS-019 CONCRETE SAMPLE LOCATION AND IDENTIFIER (PRE-ENCAPSULATION)
- B6S-EWS-019 EPOXY WIPE SAMPLE LOCATION AND IDENTIFIER (POST-ENCAPSULATION)

0 15 30

APPROXIMATE SCALE IN FEET

35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD & CURRAN

BUILDING ABC
BASELINE SAMPLING LOCATIONS

DESIGNED BY: GJF
DRAWN BY: EVR
CHECKED BY: GJF
Figure 2.3D.dwg

MIT W85 WESTGATE
CAMBRIDGE, MASSACHUSETTS

FINAL COMPLETION REPORT

JOB NO: 210725
DATE: FEBRUARY 2010
SCALE: AS NOTED

FIGURE 2.3D

BUILDING DE
BASELINE SAMPLING LOCATIONS

DESIGNED BY:	GJF
DRAWN BY:	EVR
CHECKED BY:	GJF

Figure 2.3E.dwg

WOODARD & CURRAN

35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

MIT W85 WESTGATE
CAMBRIDGE, MASSACHUSETTS

FINAL COMPLETION REPORT

JOB NO: 210725
DATE: FEBRUARY 2010
SCALE: AS NOTED

FIGURE 2.3E

APPROXIMATE SCALE IN FEET

0 15 30

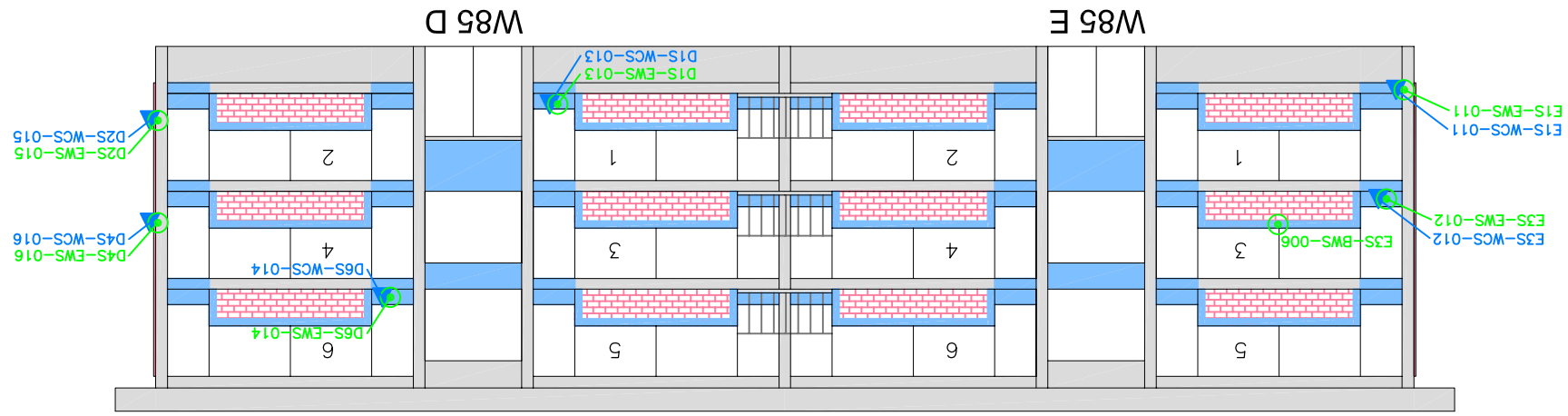
LEGEND

REMEDIATION AREAS

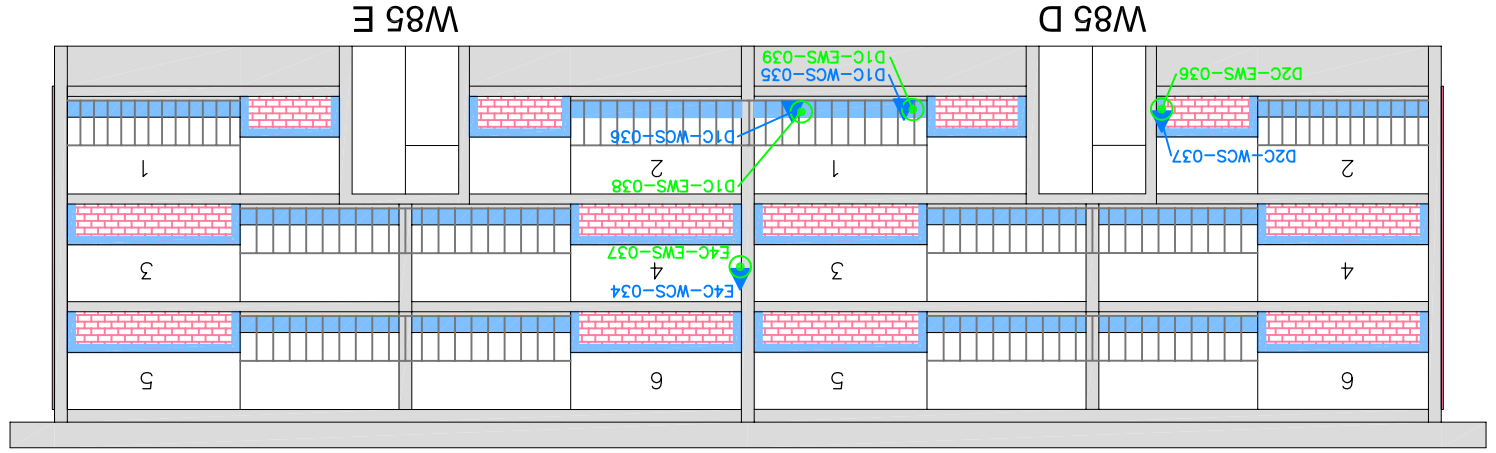
D1C-EWS-038 CONCRETE SAMPLE LOCATION AND IDENTIFIER (PRE-ENCAPSULATION)

D1C-EWS-038 EPOXY WIPE SAMPLE LOCATION AND IDENTIFIER (POST-ENCAPSULATION)

STREET SIDE



COURTYARD SIDE



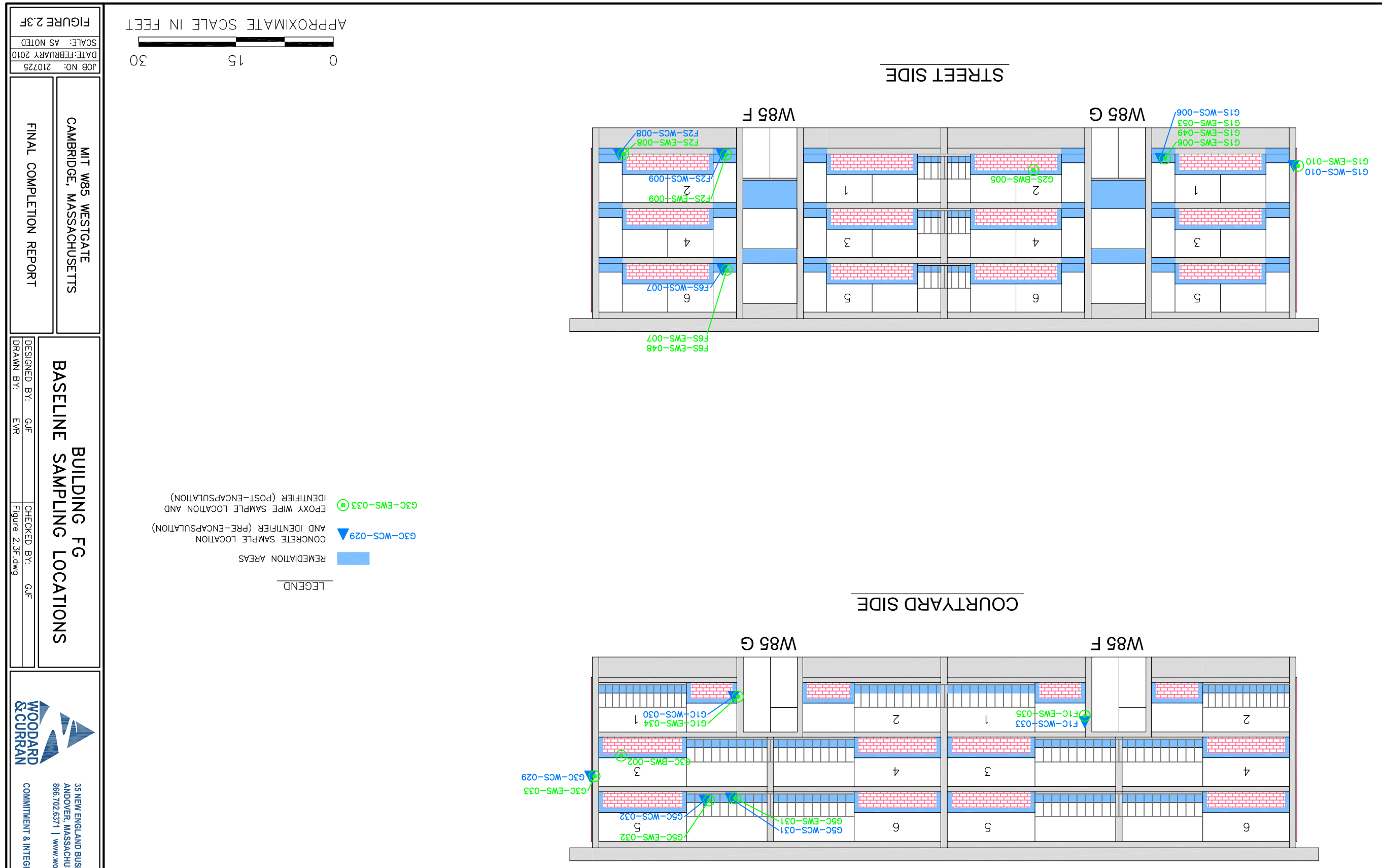


FIGURE 2.3F

SCALE: AS NOTED

DATE: FEBRUARY 2010

JOB NO: 210725

MIT W85 WESTGATE
CAMBRIDGE, MASSACHUSETTS

FINAL COMPLETION REPORT

BUILDING FG
BASELINE SAMPLING LOCATIONS

DESIGNED BY: GJF
DRAWN BY: EVR
CHECKED BY: GJF
Figure 2.3F.dwg

WOODARD & CURRAN
COMMITMENT & INTEGRITY DRIVE RESULTS
35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

BUILDING HJK
BASELINE SAMPLING LOCATIONS

DESIGNED BY: GJF
DRAWN BY: EVR
CHECKED BY: GJF
Figure 2.3G.dwg

MIT W85 WESTGATE
CAMBRIDGE, MASSACHUSETTS

FINAL COMPLETION REPORT

JOB NO: 210725
DATE: FEBRUARY 2010
SCALE: AS NOTED

FIGURE 2.3G

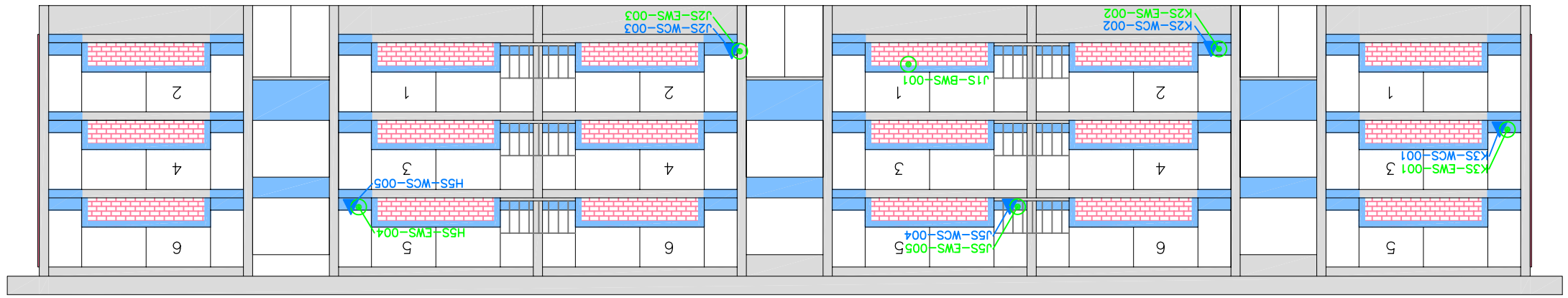
WOODARD & CURRAN
35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com
COMMITMENT & INTEGRITY DRIVE RESULTS

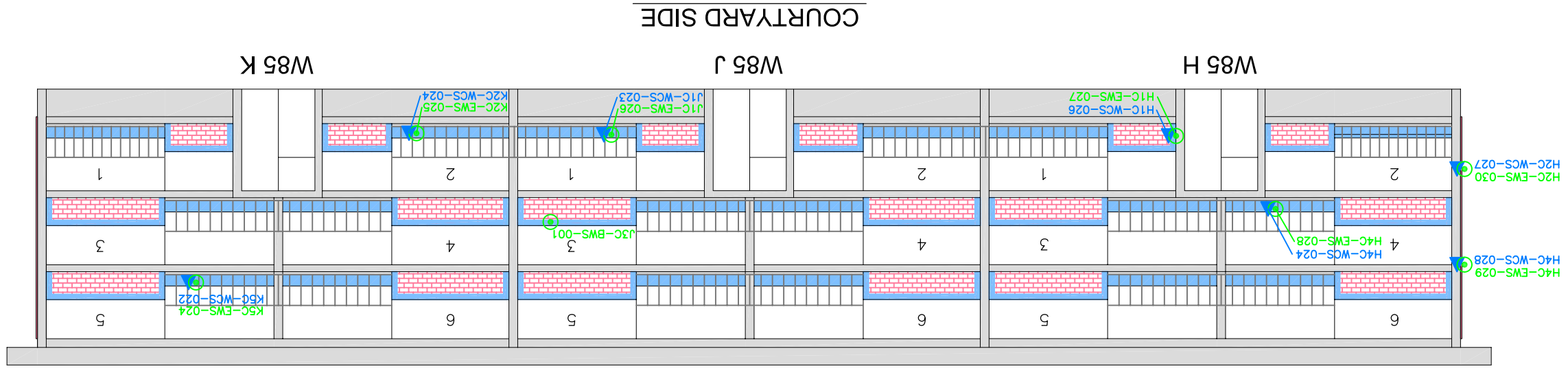
APPROXIMATE SCALE IN FEET

0 15 30

LEGEND

- REMEDIATION AREAS
- K55-WCS-022 — CONCRETE SAMPLE LOCATION AND IDENTIFIER (PRE-ENCAPSULATION)
- K55-EWS-024 — EPOXY WIPE SAMPLE LOCATION AND IDENTIFIER (POST-ENCAPSULATION)





COURTYARD SIDE BALCONIES

BUILDING SIDE

PT–CC26 (0.311)

PT–CC25 (0.271)

COURTYARD SIDE
A6

BUILDING SIDE

PT–CC24 (1.08)

PT–CC23 (0.187)

COURTYARD SIDE
A5

BUILDING SIDE

PT–CC31 (0.287)

PT–CC30 (0.623)

COURTYARD SIDE
A4

BUILDING SIDE

PT–CC28 (0.147)

(0.205) PT–CC27

COURTYARD SIDE
A3

BUILDING SIDE

PT–CC35 (0.837)

PT–CC34 (0.361)

COURTYARD SIDE
A2

BUILDING SIDE

PT–CC33 (0.755)

PT–CC32 (<0.033)

COURTYARD SIDE
A1

LEGEND

PT–CC34 (0.361) CONCRETE CHARACTERIZATION SAMPLE LOCATION AND IDENTIFIER. TOTAL PCB CONCENTRATION IN mg/kg IN PARENTHESIS. RED FONT INDICATES RESULTS EXCEEDING THE CLEAN–UP LEVEL OF 1 mg/kg

STREET SIDE BALCONIES

BUILDING SIDE

PT–CC18 (5.320)

STREET SIDE
A5

BUILDING SIDE

PT–CC19 (0.204)

STREET SIDE
A3

BUILDING SIDE

PT–CC20 (8.56)

STREET SIDE
A1

0 3 6

SCALE IN FEET

35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD & CURRAN

HORIZONTAL CONCRETE SURFACES CHARACTERIZATION SAMPLE RESULTS BUILDING UNIT A

DESIGNED BY: GJF
DRAWN BY: EVR
CHECKED BY: GJF
Figure 2.4A.dwg

MIT W85 WESTGATE
CAMBRIDGE, MASSACHUSETTS

FINAL COMPLETION REPORT

JOB NO: 210725
DATE: FEBRUARY 2010
SCALE: AS NOTED

FIGURE 2.4A

COURTYARD SIDE BALCONIES

BUILDING SIDE

B6C–BCS–118 (0.270)

B6C–BCS–119 (0.960)

COURTYARD SIDE
B6

BUILDING SIDE

B5C–BCS–116 (0.641)

B5C–BCS–117 (0.612)

COURTYARD SIDE
B5

BUILDING SIDE

B4C–BCS–115 (0.166)

B4C–BCS–114 (0.345)

COURTYARD SIDE
B4

BUILDING SIDE

B3C–BCS–113 (0.337)

(0.111) B3C–BCS–112

COURTYARD SIDE
B3

BUILDING SIDE

B2C–BCS–111 (0.355)

B2C–BCS–110 (0.425)

COURTYARD SIDE
B2

BUILDING SIDE

B1C–BCS–108 (0.462)

B1C–BCS–109 (0.346)

COURTYARD SIDE
B1

STREET SIDE BALCONIES

BUILDING SIDE

B5S–BCS–134 (4.00)

STREET SIDE
B5

BUILDING SIDE

B6S–BCS–132 (8.29)

STREET SIDE
B6

BUILDING SIDE

B3S–BCS–135 (0.861)

STREET SIDE
B3

BUILDING SIDE

B4S–BCS–133 (1.54)

STREET SIDE
B4

BUILDING SIDE

B1S–BCS–040 (9.70)

STREET SIDE
B1

BUILDING SIDE

B2S–BCS–041 (1.40)

STREET SIDE
B2

LEGEND

B2C–BCS–111 (0.355) — CONCRETE CHARACTERIZATION SAMPLE LOCATION AND IDENTIFIER. TOTAL PCB CONCENTRATION IN mg/kg IN PARENTHESIS. RED FONT INDICATES RESULTS EXCEEDING THE CLEAN–UP LEVEL OF 1 mg/kg

0 3 6

SCALE IN FEET

35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD & CURRAN

HORIZONTAL CONCRETE SURFACES
CHARACTERIZATION SAMPLE RESULTS
BUILDING UNIT B

DESIGNED BY: GJF
DRAWN BY: EVR
CHECKED BY: GJF
Figure 2.4B.dwg

MIT W85 WESTGATE
CAMBRIDGE, MASSACHUSETTS

FINAL COMPLETION REPORT

JOB NO: 210725
DATE: FEBRUARY 2010
SCALE: AS NOTED

FIGURE 2.4B

COURTYARD SIDE BALCONIES

BUILDING SIDE

C6C–BCS–130 (0.866)

C6C–BCS–131 (1.345)

COURTYARD SIDE
C6

BUILDING SIDE

C5C–BCS–129 (1.07)

C5C–BCS–128 (1.91)

COURTYARD SIDE
C5

BUILDING SIDE

C4C–BCS–127 (0.700)

(2.68) C4C–BCS–126

COURTYARD SIDE
C4

BUILDING SIDE

C3C–BCS–124 (0.824)

C3C–BCS–125 (0.786)

COURTYARD SIDE
C3

BUILDING SIDE

C2C–BCS–123 (0.823)

C2C–BCS–122 (0.343)

COURTYARD SIDE
C2

BUILDING SIDE

C1C–BCS–121 (0.302)

C1C–BCS–120 (0.179)

COURTYARD SIDE
C1

LEGEND

C2C–BCS–123 (0.823) — CONCRETE CHARACTERIZATION SAMPLE LOCATION AND IDENTIFIER. TOTAL PCB CONCENTRATION IN mg/kg IN PARENTHESIS. RED FONT INDICATES RESULTS EXCEEDING THE CLEAN–UP LEVEL OF 1 mg/kg

STREET SIDE BALCONIES

BUILDING SIDE

C6S–BCS–136 (1.01)

STREET SIDE
C6

BUILDING SIDE

C4S–BCS–137 (0.281)

STREET SIDE
C4

BUILDING SIDE

C2S–BCS–039 (0.402)

STREET SIDE
C2

0 3 6

SCALE IN FEET

35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD & CURRAN

HORIZONTAL CONCRETE SURFACES
CHARACTERIZATION SAMPLE RESULTS
BUILDING UNIT C

DESIGNED BY: GJF
DRAWN BY: EVR
CHECKED BY: GJF
Figure 2.4C.dwg

MIT W85 WESTGATE
CAMBRIDGE, MASSACHUSETTS

FINAL COMPLETION REPORT

JOB NO: 210725
DATE: FEBRUARY 2010
SCALE: AS NOTED

FIGURE 2.4C

COURTYARD SIDE BALCONIES

BUILDING SIDE

D6C–BCS–095 (0.379)

D6C–BCS–094 (0.444)

COURTYARD SIDE
D6

BUILDING SIDE

D5C–BCS–092 (0.342)

D5C–BCS–093 (0.267)

COURTYARD SIDE
D5

BUILDING SIDE

D4C–BCS–090 (2.49)

D4C–BCS–091 (0.245)

COURTYARD SIDE
D4

BUILDING SIDE

D3C–BCS–089 (0.476)

(0.125) D3C–BCS–088

COURTYARD SIDE
D3

BUILDING SIDE

D2C–BCS–086 (1.71)

D2C–BCS–087 (0.356)

COURTYARD SIDE
D2

BUILDING SIDE

D1C–BCS–085 (1.133)

D1C–BCS–084 (0.384)

COURTYARD SIDE
D1

STREET SIDE BALCONIES

BUILDING SIDE

D5S–BCS–140 (0.636)

STREET SIDE
D5

BUILDING SIDE

D3S–BCS–141 (0.158)

STREET SIDE
D3

BUILDING SIDE

D1S–BCS–038 (0.415)

STREET SIDE
D1

LEGEND

D1C–BCS–084 (0.384) CONCRETE CHARACTERIZATION SAMPLE LOCATION AND IDENTIFIER. TOTAL PCB CONCENTRATION IN mg/kg IN PARENTHESIS. RED FONT INDICATES RESULTS EXCEEDING THE CLEAN–UP LEVEL OF 1 mg/kg

0 3 6

SCALE IN FEET

35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD & CURRAN

HORIZONTAL CONCRETE SURFACES
CHARACTERIZATION SAMPLE RESULTS
BUILDING UNIT D

DESIGNED BY: GJF
DRAWN BY: EVR
CHECKED BY: GJF
Figure 2.4D.dwg

MIT W85 WESTGATE
CAMBRIDGE, MASSACHUSETTS

FINAL COMPLETION REPORT

JOB NO: 210725
DATE: FEBRUARY 2010
SCALE: AS NOTED

FIGURE 2.4D

COURTYARD SIDE BALCONIES

BUILDING SIDE

E6C–BCS–106 (0.125)

(0.208) E6C–BCS–107

COURTYARD SIDE
E6

BUILDING SIDE

E5C–BCS–104 (2.71)

E5C–BCS–105 (0.517)

COURTYARD SIDE
E5

BUILDING SIDE

E4C–BCS–103 (0.407)

E4C–BCS–102 (0.723)

COURTYARD SIDE
E4

BUILDING SIDE

E3C–BCS–100 (1.49)

E3C–BCS–101 (0.927)

COURTYARD SIDE
E3

BUILDING SIDE

E2C–BCS–099 (1.76)

E2C–BCS–098 (0.804)

COURTYARD SIDE
E2

BUILDING SIDE

E1C–BCS–096 (0.976)

(0.495) E1C–BCS–097

COURTYARD SIDE
E1

STREET SIDE BALCONIES

BUILDING SIDE

E6S–BCS–142 (0.231)

STREET SIDE
E6

BUILDING SIDE

(1.78) E4S–BCS–143

STREET SIDE
E4

BUILDING SIDE

E2S–BCS–037 (13.0)

STREET SIDE
E2

LEGEND

E2C–BCS–098 (0.804) — CONCRETE CHARACTERIZATION SAMPLE LOCATION AND IDENTIFIER. TOTAL PCB CONCENTRATION IN mg/kg IN PARENTHESIS. RED FONT INDICATES RESULTS EXCEEDING THE CLEAN–UP LEVEL OF 1 mg/kg

0 3 6

SCALE IN FEET

35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD & CURRAN

HORIZONTAL CONCRETE SURFACES
CHARACTERIZATION SAMPLE RESULTS
BUILDING UNIT E

DESIGNED BY: GJF
DRAWN BY: EVR
CHECKED BY: GJF
Figure 2.4E.dwg

MIT W85 WESTGATE
CAMBRIDGE, MASSACHUSETTS

FINAL COMPLETION REPORT

JOB NO: 210725
DATE: FEBRUARY 2010
SCALE: AS NOTED

FIGURE 2.4E

COURTYARD SIDE BALCONIES

BUILDING SIDE

F6C–BCS–031 (0.374)

F6C–BCS–030 (2.09)

COURTYARD SIDE
F6

BUILDING SIDE

F5C–BCS–029 (1.029)

F5C–BCS–028 (0.767)

COURTYARD SIDE
F5

BUILDING SIDE

(5.66) F4C–BCS–027

(1.5) F4C–BCS–026

COURTYARD SIDE
F4

BUILDING SIDE

F3C–BCS–024 (10.5)

F3C–BCS–025 (0.368)

COURTYARD SIDE
F3

BUILDING SIDE

F2C–BCS–023 (6.78)

F2C–BCS–022 (0.313)

COURTYARD SIDE
F2

BUILDING SIDE

F1C–BCS–021 (0.382)

F1C–BCS–020 (1.187)

COURTYARD SIDE
F1

STREET SIDE BALCONIES

BUILDING SIDE

F5S–BCS–080 (1.98)

STREET SIDE
F5

BUILDING SIDE

F3S–BCS–083 (0.185)

STREET SIDE
F3

BUILDING SIDE

F1S–BCS–036 (0.650)

STREET SIDE
F1

LEGEND

F2C–BCS–022 (0.313) CONCRETE CHARACTERIZATION SAMPLE LOCATION AND IDENTIFIER. TOTAL PCB CONCENTRATION IN mg/kg IN PARENTHESIS. RED FONT INDICATES RESULTS EXCEEDING THE CLEAN–UP LEVEL OF 1 mg/kg

0 3 6

SCALE IN FEET

35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD &CURRAN

HORIZONTAL CONCRETE SURFACES
CHARACTERIZATION SAMPLE RESULTS
BUILDING UNIT F

DESIGNED BY: GJF
DRAWN BY: EVR
CHECKED BY: GJF
Figure 2.4F.dwg

MIT W85 WESTGATE
CAMBRIDGE, MASSACHUSETTS

FINAL COMPLETION REPORT

JOB NO: 210725
DATE: FEBRUARY 2010
SCALE: AS NOTED

FIGURE 2.4F

COURTYARD SIDE BALCONIES

BUILDING SIDE

G6C–BCS–071 (0.669)

G6C–BCS–070 (0.322)

COURTYARD SIDE
G6

BUILDING SIDE

G5C–BCS–068 (0.467)

G5C–BCS–069 (3.28)

COURTYARD SIDE
G5

BUILDING SIDE

G4C–BCS–067 (36.9)

G4C–BCS–066 (3.84)

COURTYARD SIDE
G4

BUILDING SIDE

G3C–BCS–064 (0.918)

G3C–BCS–065 (10.0)

COURTYARD SIDE
G3

BUILDING SIDE

G2C–BCS–062 (0.176)

G2C–BCS–063 (0.218)

COURTYARD SIDE
G2

BUILDING SIDE

G1C–BCS–060 (1.59)

G1C–BCS–061 (0.364)

COURTYARD SIDE
G1

LEGEND

G2C–BCS–063 (0.218) — CONCRETE CHARACTERIZATION SAMPLE LOCATION AND IDENTIFIER. TOTAL PCB CONCENTRATION IN mg/kg IN PARENTHESIS. RED FONT INDICATES RESULTS EXCEEDING THE CLEAN–UP LEVEL OF 1 mg/kg

STREET SIDE BALCONIES

BUILDING SIDE

G6S–BCS–081 (2.24)

STREET SIDE
G6

BUILDING SIDE

G4S–BCS–082 (220)

STREET SIDE
G4

BUILDING SIDE

G2S–BCS–035 (0.534)

STREET SIDE
G2

0 3 6

SCALE IN FEET

35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD & CURRAN

HORIZONTAL CONCRETE SURFACES
CHARACTERIZATION SAMPLE RESULTS
BUILDING UNIT G

DESIGNED BY: GJF
DRAWN BY: EVR
CHECKED BY: GJF
Figure 2.4G.dwg

MIT W85 WESTGATE
CAMBRIDGE, MASSACHUSETTS

FINAL COMPLETION REPORT

JOB NO: 210725
DATE: FEBRUARY 2010
SCALE: AS NOTED

FIGURE 2.4G

COURTYARD SIDE BALCONIES

BUILDING SIDE

H6C–BCS–043 (0.201)

H6C–BCS–042 (0.187)

COURTYARD SIDE
H6

BUILDING SIDE

H5C–BCS–015 (0.133)

H5C–BCS–014 (0.064)

COURTYARD SIDE
H5

BUILDING SIDE

H4C–BCS–044 (0.598)

H4C–BCS–045 (0.187)

COURTYARD SIDE
H4

BUILDING SIDE

H3C–BCS–016 (0.096)

H3C–BCS–017 (0.089)

COURTYARD SIDE
H3

BUILDING SIDE

H2C–BCS–047 (1.47)

H2C–BCS–046 (0.197)

COURTYARD SIDE
H2

BUILDING SIDE

H1C–BCS–018 (0.464)

H1C–BCS–019 (2.09)

COURTYARD SIDE
H1

LEGEND

H1C–BCS–018 (0.464) — CONCRETE CHARACTERIZATION SAMPLE LOCATION AND IDENTIFIER. TOTAL PCB CONCENTRATION IN mg/kg IN PARENTHESIS. RED FONT INDICATES RESULTS EXCEEDING THE CLEAN–UP LEVEL OF 1 mg/kg

STREET SIDE BALCONIES

BUILDING SIDE

H5S–BCS–079 (0.104)

STREET SIDE
H5

BUILDING SIDE

H3S–BCS–078 (0.838)

STREET SIDE
H3

BUILDING SIDE

H1S–BCS–034 (5.58)

STREET SIDE
H1

0 3 6

SCALE IN FEET

35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD & CURRAN

HORIZONTAL CONCRETE SURFACES
CHARACTERIZATION SAMPLE RESULTS
BUILDING UNIT H

DESIGNED BY: GJF
DRAWN BY: EVR
CHECKED BY: GJF
Figure 2.4H.dwg

MIT W85 WESTGATE
CAMBRIDGE, MASSACHUSETTS

FINAL COMPLETION REPORT

JOB NO: 210725
DATE: FEBRUARY 2010
SCALE: AS NOTED

FIGURE 2.4H

COURTYARD SIDE BALCONIES

BUILDING SIDE

J6C–BCS–050 (0.179)

J6C–BCS–051 (0.305)

COURTYARD SIDE
J6

BUILDING SIDE

J5C–BCS–048 (0.357)

J5C–BCS–049 (0.158)

COURTYARD SIDE
J5

BUILDING SIDE

J4C–BCS–052 (0.655)

J4C–BCS–053 (0.732)

COURTYARD SIDE
J4

BUILDING SIDE

J3C–BCS–054 (0.185)

J3C–BCS–055 (0.253)

COURTYARD SIDE
J3

BUILDING SIDE

J2C–BCS–056 (0.462)

J2C–BCS–057 (0.216)

COURTYARD SIDE
J2

BUILDING SIDE

J1C–BCS–058 (0.305)

J1C–BCS–059 (0.157)

COURTYARD SIDE
J1

STREET SIDE BALCONIES

BUILDING SIDE

J5S–BCS–075 (0.091)

STREET SIDE
J5

BUILDING SIDE

J6S–BCS–077 (0.139)

STREET SIDE
J6

BUILDING SIDE

J3S–BCS–074 (7.87)

STREET SIDE
J3

BUILDING SIDE

J4S–BCS–076 (7.0)

STREET SIDE
J4

BUILDING SIDE

J1S–BCS–032 (6.6)

STREET SIDE
J1

BUILDING SIDE

J2S–BCS–033 (0.888)

STREET SIDE
J2

LEGEND

J2C–BCS–057 (0.261) — CONCRETE CHARACTERIZATION SAMPLE LOCATION AND IDENTIFIER. TOTAL PCB CONCENTRATION IN mg/kg IN PARENTHESIS. RED FONT INDICATES RESULTS EXCEEDING THE CLEAN–UP LEVEL OF 1 mg/kg

0 3 6

SCALE IN FEET

35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD & CURRAN

HORIZONTAL CONCRETE SURFACES
CHARACTERIZATION SAMPLE RESULTS
BUILDING UNIT J

DESIGNED BY: GJF
DRAWN BY: EVR
CHECKED BY: GJF
Figure 2.4I.dwg

MIT W85 WESTGATE
CAMBRIDGE, MASSACHUSETTS

FINAL COMPLETION REPORT

JOB NO: 210725
DATE: FEBRUARY 2010
SCALE: AS NOTED

FIGURE 2.4I

COURTYARD SIDE BALCONIES

BUILDING SIDE

K6C–BCS–013
(0.113)

(0.254)
K6C–BCS–012

COURTYARD SIDE
K6

BUILDING SIDE

K5C–BCS–011
(0.095)

K5C–BCS–010
(0.136)

COURTYARD SIDE
K5

BUILDING SIDE

K4C–BCS–008
(0.136)

K4C–BCS–009
(0.085)

COURTYARD SIDE
K4

BUILDING SIDE

K3C–BCS–006
(0.088)

K3C–BCS–007
(0.129)

COURTYARD SIDE
K3

BUILDING SIDE

K2C–BCS–004
(0.219)

K2C–BCS–005
(0.088)

COURTYARD SIDE
K2

BUILDING SIDE

K1C–BCS–003
(0.466)

K1C–BCS–002
(0.221)

COURTYARD SIDE
K1

STREET SIDE BALCONIES

BUILDING SIDE

K6S–BCS–073
(0.320)

STREET SIDE
K6

BUILDING SIDE

K4S–BCS–072
(0.303)

STREET SIDE
K4

BUILDING SIDE

K2S–BCS–001
(0.573)

STREET SIDE
K2

LEGEND

K2C–BCS–004
(0.219)

CONCRETE CHARACTERIZATION SAMPLE LOCATION AND IDENTIFIER. TOTAL PCB CONCENTRATION IN mg/kg IN PARENTHESIS. RED FONT INDICATES RESULTS EXCEEDING THE CLEAN–UP LEVEL OF 1 mg/kg

0 3 6
SCALE IN FEET

35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com
COMMITMENT & INTEGRITY DRIVE RESULTS
WOODARD &CURRAN

HORIZONTAL CONCRETE SURFACES
CHARACTERIZATION SAMPLE RESULTS
BUILDING UNIT K

DESIGNED BY: GJF
DRAWN BY: EVR
CHECKED BY: GJF
Figure 2.4J.dwg

MIT W85 WESTGATE
CAMBRIDGE, MASSACHUSETTS

FINAL COMPLETION REPORT

JOB NO: 210725
DATE: FEBRUARY 2010
SCALE: AS NOTED

FIGURE 2.4J

COURTYARD SIDE BALCONIES

BUILDING SIDE

COURTYARD SIDE
A6

BUILDING SIDE

A5C–BCS–200
(1.350)

A5C–BCS–199
(0.689)

COURTYARD SIDE
A5

BUILDING SIDE

COURTYARD SIDE
A4

BUILDING SIDE

COURTYARD SIDE
A3

BUILDING SIDE

COURTYARD SIDE
A2

BUILDING SIDE

COURTYARD SIDE
A1

LEGEND

A5C–BCS–199
(0.689)

CONCRETE VERIFICATION SAMPLE LOCATION AND IDENTIFIER. TOTAL PCB CONCENTRATION IN mg/kg IN PARENTHESIS. RED FONT INDICATES RESULTS EXCEEDING THE CLEAN–UP LEVEL OF 1 mg/kg

STREET SIDE BALCONIES

BUILDING SIDE

A5S–BCS–201
(5.0)

STREET SIDE
A5

BUILDING SIDE

STREET SIDE
A3

BUILDING SIDE

A1S–BCS–162
(1.86)

STREET SIDE
A1

0 3 6

SCALE IN FEET

35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD & CURRAN

HORIZONTAL CONCRETE SURFACES
VERIFICATION SAMPLE RESULTS
BUILDING UNIT A

DESIGNED BY: GJF
DRAWN BY: EVR
CHECKED BY: JAH
Figure 2.4K.dwg

MIT W85 WESTGATE
CAMBRIDGE, MASSACHUSETTS

FINAL COMPLETION REPORT

JOB NO: 210725
DATE: FEBRUARY 2010
SCALE: AS NOTED

FIGURE 2.4K

COURTYARD SIDE BALCONIES

BUILDING SIDE

B6C–BCS–197 (0.712)

B6C–BCS–198 (0.435)

COURTYARD SIDE
B6

BUILDING SIDE

COURTYARD SIDE
B5

BUILDING SIDE

COURTYARD SIDE
B4

BUILDING SIDE

COURTYARD SIDE
B3

BUILDING SIDE

COURTYARD SIDE
B2

BUILDING SIDE

COURTYARD SIDE
B1

STREET SIDE BALCONIES

BUILDING SIDE

B5S–BCS–202 (6.38)

STREET SIDE
B5

BUILDING SIDE

B6S–BCS–203 (3.99)

STREET SIDE
B6

BUILDING SIDE

STREET SIDE
B3

BUILDING SIDE

B4S–BCS–204 (2.26)

STREET SIDE
B4

BUILDING SIDE

B1S–BCS–187 (2.0)

STREET SIDE
B1

BUILDING SIDE

B2S–BCS–163 (2.53)

STREET SIDE
B2

LEGEND

B6C–BCS–198 (0.435) — CONCRETE VERIFICATION SAMPLE LOCATION AND IDENTIFIER. TOTAL PCB CONCENTRATION IN mg/kg IN PARENTHESIS. RED FONT INDICATES RESULTS EXCEEDING THE CLEAN–UP LEVEL OF 1 mg/kg

0 3 6

SCALE IN FEET

35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD & CURRAN

HORIZONTAL CONCRETE SURFACES
VERIFICATION SAMPLE RESULTS
BUILDING UNIT B

DESIGNED BY: GJF
DRAWN BY: EVR
CHECKED BY: JAH
Figure 2.4L.dwg

MIT W85 WESTGATE
CAMBRIDGE, MASSACHUSETTS

FINAL COMPLETION REPORT

JOB NO: 210725
DATE: FEBRUARY 2010
SCALE: AS NOTED

FIGURE 2.4L

COURTYARD SIDE BALCONIES

BUILDING SIDE

C6C–BCS–164
(5.38)

C6C–BCS–187
(0.583)

COURTYARD SIDE
C6

BUILDING SIDE

C5C–BCS–165
(1.830)

C5C–BCS–186
(0.586)

COURTYARD SIDE
C5

BUILDING SIDE

C4C–BCS–166
(0.511)

C4C–BCS–185
(0.23)

COURTYARD SIDE
C4

BUILDING SIDE

COURTYARD SIDE
C3

BUILDING SIDE

COURTYARD SIDE
C2

BUILDING SIDE

COURTYARD SIDE
C1

STREET SIDE BALCONIES

BUILDING SIDE

C6S–BCS–205
(38.2)

STREET SIDE
C6

BUILDING SIDE

STREET SIDE
C4

BUILDING SIDE

STREET SIDE
C2

LEGEND

C6C–BCS–187
(0.583)

CONCRETE VERIFICATION SAMPLE LOCATION AND IDENTIFIER. TOTAL PCB CONCENTRATION IN mg/kg IN PARENTHESIS. RED FONT INDICATES RESULTS EXCEEDING THE CLEAN–UP LEVEL OF 1 mg/kg

0 3 6

SCALE IN FEET

35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD & CURRAN

HORIZONTAL CONCRETE SURFACES
VERIFICATION SAMPLE RESULTS
BUILDING UNIT C

DESIGNED BY: GJF
DRAWN BY: EVR
CHECKED BY: JAH
Figure 2.4M.dwg

MIT W85 WESTGATE
CAMBRIDGE, MASSACHUSETTS

FINAL COMPLETION REPORT

JOB NO: 210725
DATE: FEBRUARY 2010
SCALE: AS NOTED

FIGURE 2.4M

COURTYARD SIDE BALCONIES

BUILDING SIDE

COURTYARD SIDE
D6

BUILDING SIDE

COURTYARD SIDE
D5

BUILDING SIDE

D4C–BCS–177
(1.217)

D4C–BCS–178
(0.253)

COURTYARD SIDE
D4

BUILDING SIDE

COURTYARD SIDE
D3

BUILDING SIDE

D2C–BCS–173
(1.910)

D2C–BCS–174
(0.431)

COURTYARD SIDE
D2

BUILDING SIDE

D1C–BCS–176
(0.983)

D1C–BCS–175
(0.367)

COURTYARD SIDE
D1

LEGEND

D2C–BCS–174 (0.431) — CONCRETE VERIFICATION SAMPLE LOCATION AND IDENTIFIER. TOTAL PCB CONCENTRATION IN mg/kg IN PARENTHESIS. RED FONT INDICATES RESULTS EXCEEDING THE CLEAN–UP LEVEL OF 1 mg/kg

STREET SIDE BALCONIES

BUILDING SIDE

D5S–BCS–206
(0.395)

STREET SIDE
D5

BUILDING SIDE

STREET SIDE
D3

BUILDING SIDE

STREET SIDE
D1

0 3 6

SCALE IN FEET

35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD & CURRAN

HORIZONTAL CONCRETE SURFACES
VERIFICATION SAMPLE RESULTS
BUILDING UNIT D

DESIGNED BY: GJF
DRAWN BY: EVR
CHECKED BY: JAH
Figure 2.4N.dwg

MIT W85 WESTGATE
CAMBRIDGE, MASSACHUSETTS

FINAL COMPLETION REPORT

JOB NO: 210725
DATE: FEBRUARY 2010
SCALE: AS NOTED

FIGURE 2.4N

COURTYARD SIDE BALCONIES

BUILDING SIDE

COURTYARD SIDE
E6

BUILDING SIDE

E5C–BCS–183
(2.0)

E5C–BCS–184
(0.116)

COURTYARD SIDE
E5

BUILDING SIDE

COURTYARD SIDE
E4

BUILDING SIDE

E3C–BCS–181
(2.01)

E3C–BCS–182
(0.291)

COURTYARD SIDE
E3

BUILDING SIDE

E2C–BCS–179
(6.38)

E2C–BCS–180
(0.460)

COURTYARD SIDE
E2

BUILDING SIDE

E1C–BCS–188
(1.422)

E1C–BCS–192
(2.89)

COURTYARD SIDE
E1

LEGEND

E2C–BCS–180
(0.460)

CONCRETE VERIFICATION SAMPLE LOCATION AND IDENTIFIER. TOTAL PCB CONCENTRATION IN mg/kg IN PARENTHESIS. RED FONT INDICATES RESULTS EXCEEDING THE CLEAN–UP LEVEL OF 1 mg/kg

STREET SIDE BALCONIES

BUILDING SIDE

STREET SIDE
E6

BUILDING SIDE

(0.956)
E4S–BCS–207

STREET SIDE
E4

BUILDING SIDE

(3.144)
E2S–BCS–189

STREET SIDE
E2

0 3 6

SCALE IN FEET

35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD & CURRAN

HORIZONTAL CONCRETE SURFACES
VERIFICATION SAMPLE RESULTS
BUILDING UNIT E

DESIGNED BY: GJF
DRAWN BY: EVR
CHECKED BY: JAH
Figure 2.40.dwg

MIT W85 WESTGATE
CAMBRIDGE, MASSACHUSETTS

FINAL COMPLETION REPORT

JOB NO: 210725
DATE: FEBRUARY 2010
SCALE: AS NOTED

FIGURE 2.4O

COURTYARD SIDE BALCONIES

BUILDING SIDE

F6C–BCS–153 (0.825)

F6C–BCS–152 (0.364)

COURTYARD SIDE
F6

BUILDING SIDE

F5C–BCS–196 (0.988)

F5C–BCS–195 (0.527)

COURTYARD SIDE
F5

BUILDING SIDE

F4C–BCS–151 (6.47)

F4C–BCS–150 (0.342)

COURTYARD SIDE
F4

BUILDING SIDE

(4.720) F3C–BCS–148

F3C–BCS–168 (2.34)

F3C–BCS–149 (0.216)

COURTYARD SIDE
F3

BUILDING SIDE

F2C–BCS–167 (1.820)

F2C–BCS–146 (9.180)

F2C–BCS–147 (0.436)

COURTYARD SIDE
F2

BUILDING SIDE

F1C–BCS–145 (1.820)

F1C–BCS–144 (0.088)

COURTYARD SIDE
F1

LEGEND

F2C–BCS–147 (0.436) — CONCRETE VERIFICATION SAMPLE LOCATION AND IDENTIFIER. TOTAL PCB CONCENTRATION IN mg/kg IN PARENTHESIS. RED FONT INDICATES RESULTS EXCEEDING THE CLEAN–UP LEVEL OF 1 mg/kg

STREET SIDE BALCONIES

BUILDING SIDE

F5S–BCS–208 (4.3)

STREET SIDE
F5

BUILDING SIDE

STREET SIDE
F3

BUILDING SIDE

STREET SIDE
F1

0 3 6

SCALE IN FEET

35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD & CURRAN

HORIZONTAL CONCRETE SURFACES
VERIFICATION SAMPLE RESULTS
BUILDING UNIT F

DESIGNED BY: GJF
DRAWN BY: EVR
CHECKED BY: JAH
Figure 2.4P.dwg

MIT W85 WESTGATE
CAMBRIDGE, MASSACHUSETTS

FINAL COMPLETION REPORT

JOB NO: 210725
DATE: FEBRUARY 2010
SCALE: AS NOTED

FIGURE 2.4P

COURTYARD SIDE BALCONIES

BUILDING SIDE

COURTYARD SIDE
G6

BUILDING SIDE

G5C–BCS–161
(1.79)

G5C–BCS–160
(0.903)

COURTYARD SIDE
G5

BUILDING SIDE

G4C–BCS–158
(29.2)

G4C–BCS–159
(37.5)

COURTYARD SIDE
G4

BUILDING SIDE

G3C–BCS–156
(0.565)

G3C–BCS–157
(0.451)

COURTYARD SIDE
G3

BUILDING SIDE

COURTYARD SIDE
G2

BUILDING SIDE

G1C–BCS–154
(1.45)

G1C–BCS–155
(0.884)

COURTYARD SIDE
G1

LEGEND

G1C–BCS–155
(0.884)

CONCRETE VERIFICATION SAMPLE LOCATION AND IDENTIFIER. TOTAL PCB CONCENTRATION IN mg/kg IN PARENTHESIS. RED FONT INDICATES RESULTS EXCEEDING THE CLEAN–UP LEVEL OF 1 mg/kg

STREET SIDE BALCONIES

BUILDING SIDE

G6S–BCS–209
(0.810)

STREET SIDE
G6

BUILDING SIDE

G4S–BCS–210
(0.886)

STREET SIDE
G4

BUILDING SIDE

STREET SIDE
G2

0 3 6

SCALE IN FEET

35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD & CURRAN

HORIZONTAL CONCRETE SURFACES VERIFICATION SAMPLE RESULTS BUILDING UNIT G

DESIGNED BY: GJF
DRAWN BY: EVR
CHECKED BY: JAH
Figure 2.4Q.dwg

MIT W85 WESTGATE
CAMBRIDGE, MASSACHUSETTS

FINAL COMPLETION REPORT

JOB NO: 210725
DATE: FEBRUARY 2010
SCALE: AS NOTED

FIGURE 2.4Q

COURTYARD SIDE BALCONIES

BUILDING SIDE

COURTYARD SIDE
H6

BUILDING SIDE

COURTYARD SIDE
H5

BUILDING SIDE

COURTYARD SIDE
H4

BUILDING SIDE

COURTYARD SIDE
H3

BUILDING SIDE

H2C–BCS–171
(0.138)

H2C–BCS–172
(0.107)

COURTYARD SIDE
H2

BUILDING SIDE

H1C–BCS–169
(0.363)

H1C–BCS–170
(0.614)

COURTYARD SIDE
H1

LEGEND

H2C–BCS–172
(0.107)

CONCRETE VERIFICATION SAMPLE LOCATION AND IDENTIFIER. TOTAL PCB CONCENTRATION IN mg/kg IN PARENTHESIS. RED FONT INDICATES RESULTS EXCEEDING THE CLEAN–UP LEVEL OF 1 mg/kg

STREET SIDE BALCONIES

BUILDING SIDE

STREET SIDE
H5

BUILDING SIDE

STREET SIDE
H3

BUILDING SIDE

H1S–BCS–190
(1.376)

STREET SIDE
H1

0 3 6

SCALE IN FEET

35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD & CURRAN

HORIZONTAL CONCRETE SURFACES
VERIFICATION SAMPLE RESULTS
BUILDING UNIT H

DESIGNED BY: GJF
DRAWN BY: EVR
CHECKED BY: JAH
Figure 2.4R.dwg

MIT W85 WESTGATE
CAMBRIDGE, MASSACHUSETTS

FINAL COMPLETION REPORT

JOB NO: 210725
DATE: FEBRUARY 2010
SCALE: AS NOTED

FIGURE 2.4R

COURTYARD SIDE BALCONIES

BUILDING SIDE

COURTYARD SIDE
J6

BUILDING SIDE

COURTYARD SIDE
J5

BUILDING SIDE

COURTYARD SIDE
J4

BUILDING SIDE

COURTYARD SIDE
J3

BUILDING SIDE

COURTYARD SIDE
J2

BUILDING SIDE

COURTYARD SIDE
J1

STREET SIDE BALCONIES

BUILDING SIDE

STREET SIDE
J5

BUILDING SIDE

STREET SIDE
J6

BUILDING SIDE

⊙(1.5)
J3S–BCS–193

STREET SIDE
J3

BUILDING SIDE

J4S–BCS–194
(3.97) ⊙

STREET SIDE
J4

BUILDING SIDE

⊙
J1S–BCS–191
(1.67)

STREET SIDE
J1

BUILDING SIDE

STREET SIDE
J2

LEGEND

J1S–BCS–191
(1.67) ⊙ CONCRETE VERIFICATION SAMPLE LOCATION AND IDENTIFIER. TOTAL PCB CONCENTRATION IN mg/kg IN PARENTHESIS. RED FONT INDICATES RESULTS EXCEEDING THE CLEAN–UP LEVEL OF 1 mg/kg

0 3 6

SCALE IN FEET

35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD & CURRAN

HORIZONTAL CONCRETE SURFACES
VERIFICATION SAMPLE RESULTS
BUILDING UNIT J

DESIGNED BY: GJF
DRAWN BY: EVR
CHECKED BY: JAH
Figure 2.4S.dwg

MIT W85 WESTGATE
CAMBRIDGE, MASSACHUSETTS

FINAL COMPLETION REPORT

JOB NO: 210725
DATE: FEBRUARY 2010
SCALE: AS NOTED

FIGURE 2.4S

VASSAR STREET

AUDREY STREET

AMHERST ALLEY

PARKING

PLAYGROUND

PLAY AREA

W85FG

W85DE

W85ABC

W85HJK

W85

FGS-CSS-075 FGS-CSS-076 FGS-CSS-077 FGS-CSS-078 FGS-CSS-008 FGS-CSS-010 FGS-CSS-081 FGS-CSS-012 FGS-CAS-009 FGS-CSS-009 FGS-CSS-082 FGS-CSS-007 FGS-CSS-011 FGS-CSS-083 FGS-CSS-013 FGS-CSS-006 FGS-CSS-084 FGS-CSS-030 FGS-CSS-031 FGS-CSS-014 FGC-CSS-005 FGC-CCS-005 DES-CAS-010 DES-CSS-020 DES-CSS-017 DES-CSS-018 DES-CCS-006 DES-CSS-019 DES-CSS-016 FGC-CAS-008 FGC-CSS-055 FGC-CSS-052 FGC-CSS-054 DES-CSS-021 FGC-CSS-056 FGC-CAS-007 FGC-CSS-053 HJKC-CSS-072 FGC-CSS-049 FGC-CSS-050 FGC-CAS-006 FGC-CSS-051 HJKS-CSS-071 HJKS-CSS-070 HJKS-CAS-001 DEC-CSS-015 DEC-CSS-022 FGC-CSS-060 FGC-CSS-059 FGC-CSS-061 HJKC-CSS-048 HJKS-CSS-069 DEC-CSS-027 DEC-CSS-025 DEC-CSS-024 DEC-CSS-029 FGC-CSS-057 FGC-CSS-058 FGC-CSS-062 DEC-CSS-028 DEC-CSS-026 DEC-CAS-011 DEC-CSS-023 MW-2 AS-102/ABCC-CAS-012 DEC-CSS-036 SB-22 SB-21 FGC-CAS-005 HJKC-CSS-047 HJKC-CSS-037 HJKC-CCS-002 HJKC-CCS-003 SB-31/SB-40 SB-30 HJKC-CAS-004 SB-105 SB-32/SB-41 HJKC-CSS-046 HJKC-CCS-004 SB-29 AS-101/ABCS-CAS-013 ABCC-CSS-042 HJKC-CSS-038 SB-23 SB-11 SB-20 HJKS-CSS-085 HJKS-CSS-068 HJKS-CSS-086 SB-42 ABCS-CSS-080 ABCS-CSS-004 ABCS-CSS-079 SB-28/SB-39 HJKC-CSS-045 HJKS-CCS-001 AS-103/ABCC-CAS-015 HJKC-CAS-003 HJKS-CAS-002 HJKC-CSS-044 HJKS-CSS-067 CC-109 AS-100/ABCS-CAS-014 CC-101 ABCC-CSS-041 HJKC-CSS-040 HJKC-CSS-039 AS-104/ABCC-CAS-016 SB-24 SB-25 ABCC-CAS-018 SB-33 CC-110 HJKC-CSS-043 HJKS-CSS-066 HJKC-CSS-065 SB-104 HJKC-CSS-032 MW-1 ABCC-CSS-063 HJKC-CSS-033 HJKS-CSS-034 HJKS-CSS-035 SB-103 SB-27 AS-105/ABCC-CAS-017 SB-43 ABCC-CSS-064 CC-100 SB-12 SB-34/SB-44 SB-26/SB-38 SB-102 SB-4 SB-101 SB-2 SB-3 SB-106 SB-1/SB-35 SB-5 SB-6 SB-7/SB-37 SB-100 SB-107 ABCS-CSS-001 SB-8 SB-9 ABCC-CSS-002 SB-36 MW-3 SB-10 ABCC-CSS-003 ABCC-CSS-073 ABCC-CSS-074 SB-13 GARDEN SOIL SAMPLES (150' EAST OF W85 HIGH-RISE)

LEGEND

SB-1 SOIL SAMPLING LOCATION

MW-1 MONITORING WELL LOCATION

CC-109 BULK CONCRETE SAMPLING LOCATION

AS-100 BULK ASPHALT SAMPLING LOCATION

SOIL REMOVAL AREAS

NOTES:

1. SITE PLAN ADAPTED FROM MIT CAMPUS MAP AND BUILDING PLANS.
2. SAMPLE LOCATIONS SHOWN ARE ESTIMATED.

0 40 80

SCALE IN FEET

35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD & CURRAN

SOIL REMOVAL AREAS

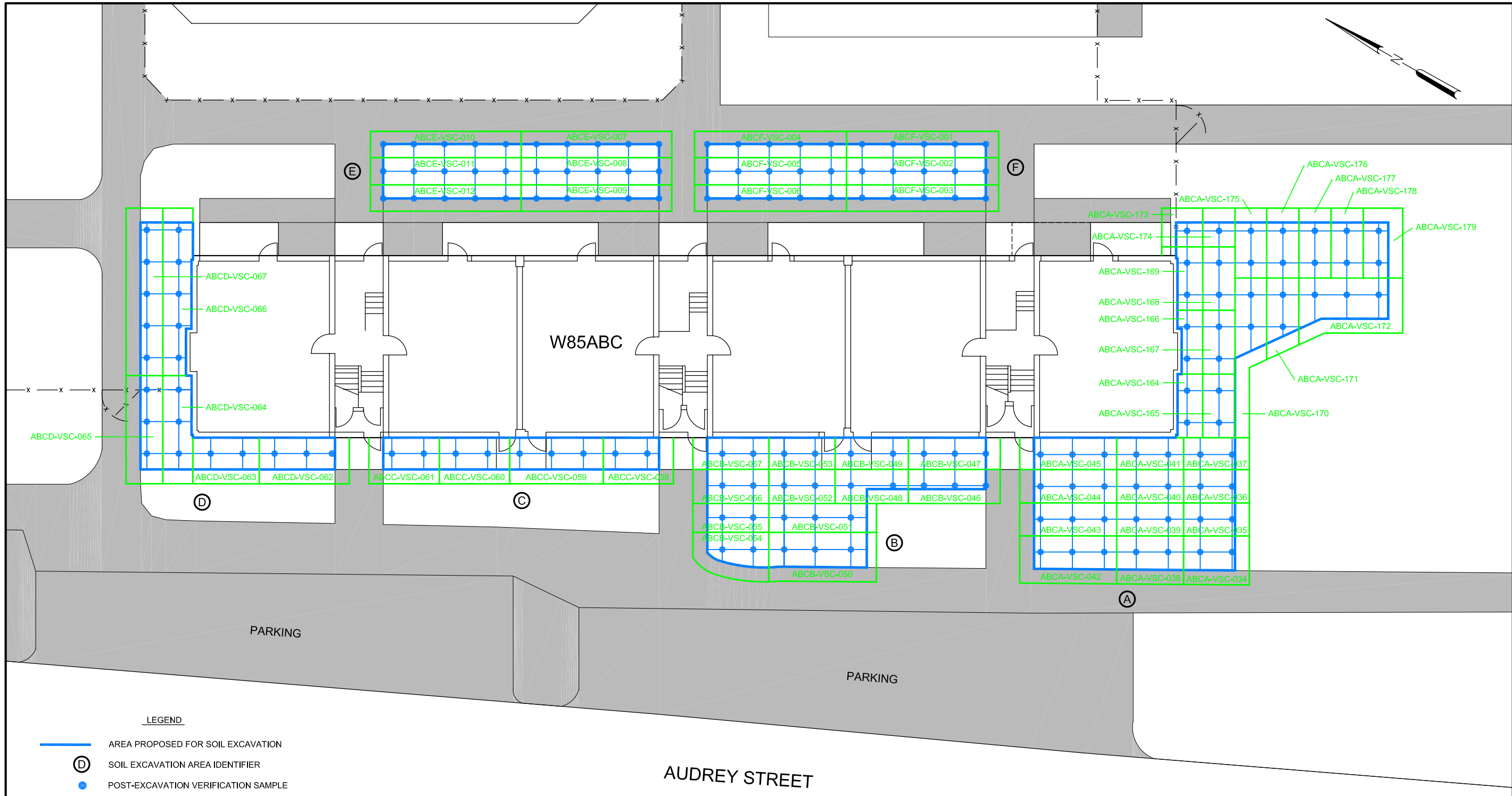
DESIGNED BY: GJF CHECKED BY: ALW
DRAWN BY: EVR Figure 2.5A.dwg

MIT W85 WESTGATE
CAMBRIDGE, MASSACHUSETTS

FINAL COMPLETION REPORT

JOB NO: 210725
DATE: FEBRUARY 2010
SCALE: AS NOTED

FIGURE 2.5A



35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD &CURRAN

W85 ABC FIRST ROUND VERIFICATION SAMPLING PLAN DETAIL

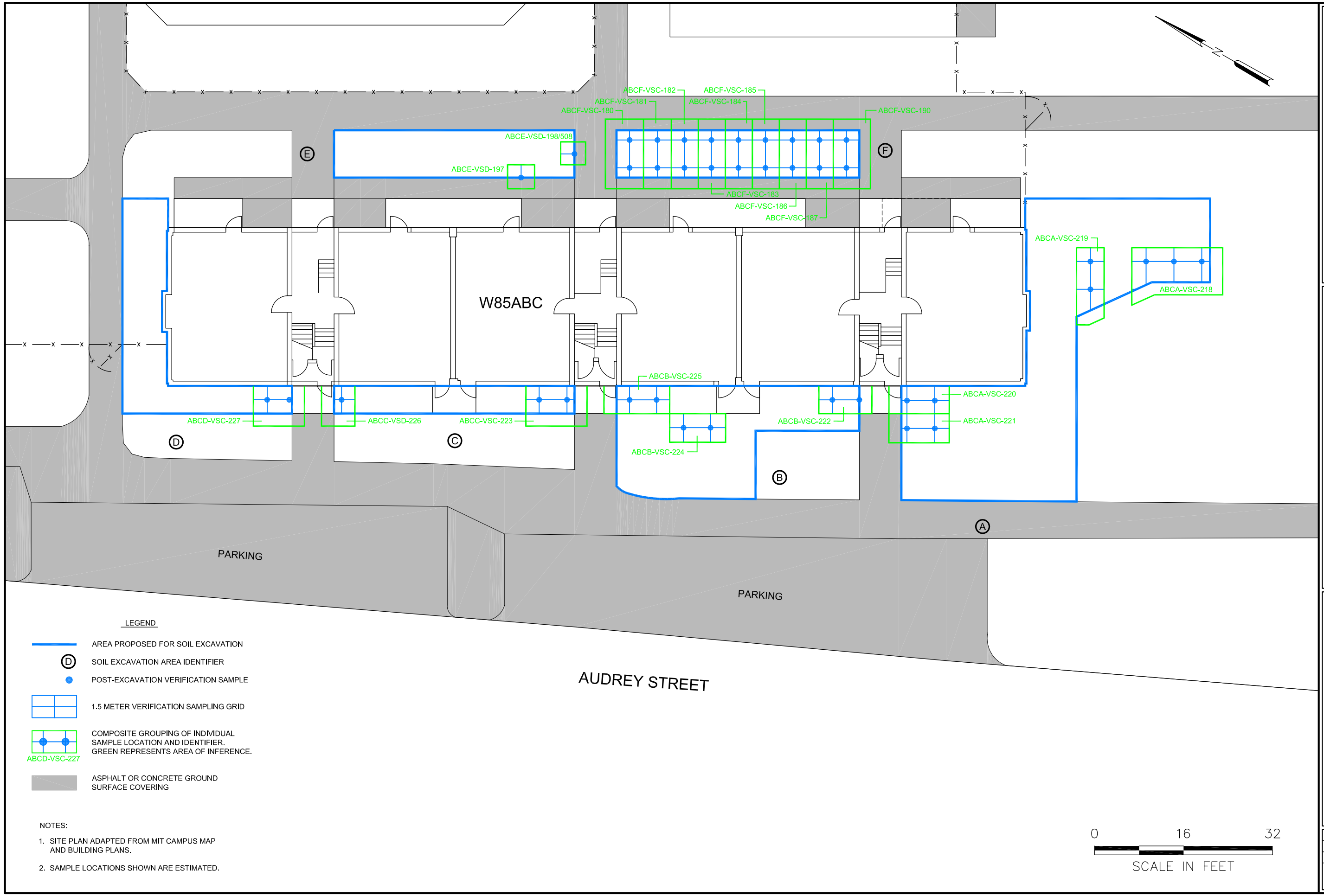
DESIGNED BY: GJF
DRAWN BY: EVR
CHECKED BY: ALW
Figure 2.5B.dwg

MIT W85 WESTGATE
CAMBRIDGE, MASSACHUSETTS

FINAL COMPLETION REPORT

JOB NO: 210725
DATE: FEBRUARY 2010
SCALE: AS NOTED

FIGURE 2.5B



35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD &CURRAN

W85 ABC SECOND ROUND VERIFICATION SAMPLING PLAN DETAIL

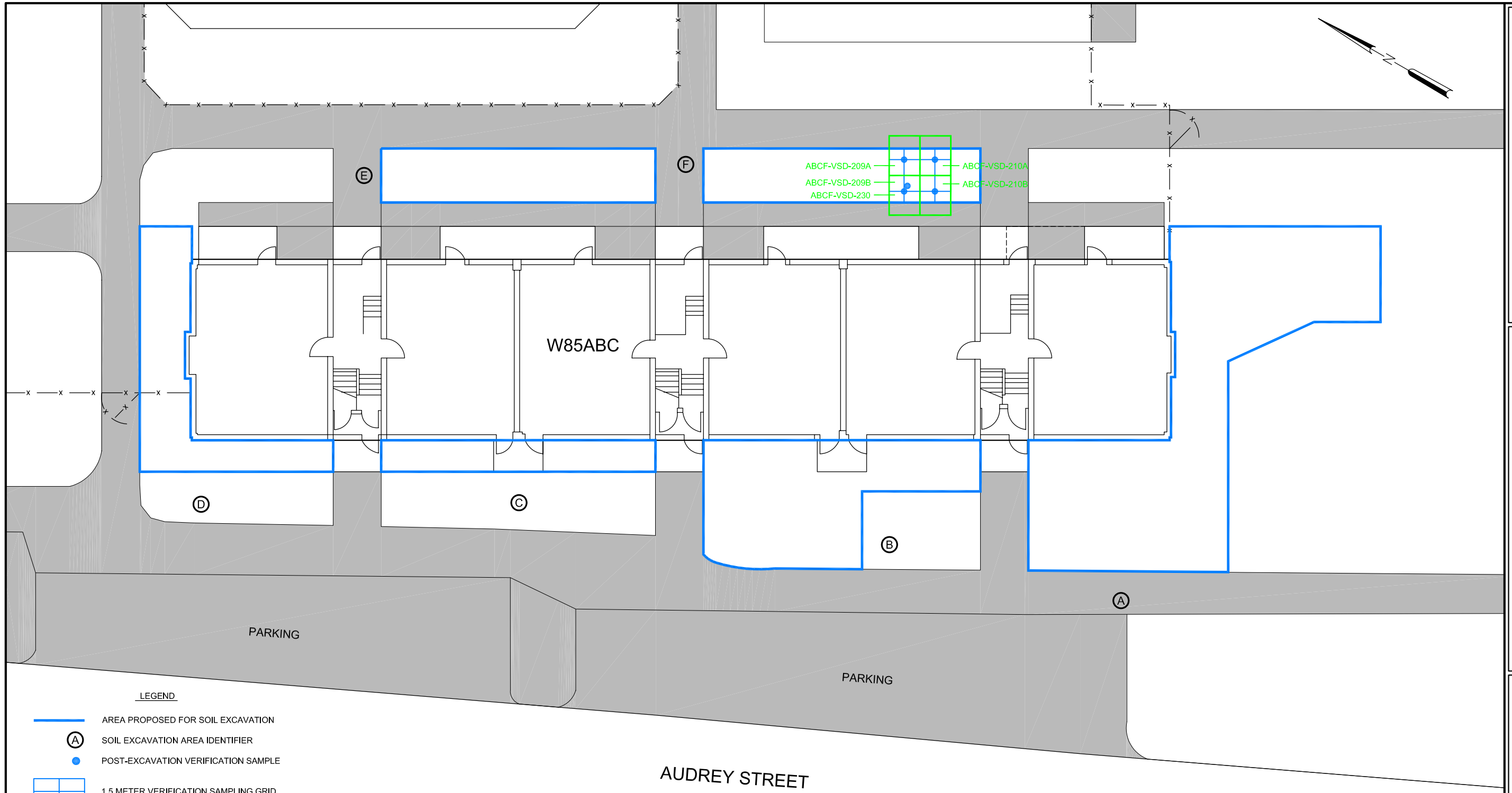
DESIGNED BY: GJF
DRAWN BY: EVR
CHECKED BY: ALW
Figure 2.5C.dwg

MIT W85 WESTGATE
CAMBRIDGE, MASSACHUSETTS

FINAL COMPLETION REPORT

JOB NO: 210725
DATE: FEBRUARY 2010
SCALE: AS NOTED

FIGURE 2.5C



LEGEND

- AREA PROPOSED FOR SOIL EXCAVATION
- (A) SOIL EXCAVATION AREA IDENTIFIER
- POST-EXCAVATION VERIFICATION SAMPLE
- 1.5 METER VERIFICATION SAMPLING GRID
- ABCF-VSD-209A — COMPOSITE GROUPING OF INDIVIDUAL SAMPLE LOCATION AND IDENTIFIER. GREEN REPRESENTS AREA OF INFERENCE.
- ASPHALT OR CONCRETE GROUND SURFACE COVERING

NOTES:

1. SITE PLAN ADAPTED FROM MIT CAMPUS MAP AND BUILDING PLANS.
2. SAMPLE LOCATIONS SHOWN ARE ESTIMATED.
3. SAMPLE ABCF-VSD-209B IS A THIRD ROUND SAMPLE AND ABCF-VSD-230 IS A FOURTH ROUND SAMPLE.

0 16 32

SCALE IN FEET

35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD & CURRAN

W85 ABC THIRD AND FOURTH ROUND VERIFICATION SAMPLING PLAN DETAIL

DESIGNED BY: GJF
DRAWN BY: EVR
CHECKED BY: ALW
Figure 2.5D.dwg

MIT W85 WESTGATE
CAMBRIDGE, MASSACHUSETTS

FINAL COMPLETION REPORT

JOB NO: 210725
DATE: FEBRUARY 2010
SCALE: AS NOTED

FIGURE 2.5D

VASSAR STREET

PARKING

PARKING

W85DE

PLAYGROUND

DEG-VSC-124
DEG-VSC-123
DEH-VSC-071
DEH-VSC-072
DEH-VSC-073
DEH-VSC-074
DEI-VSC-076
DEI-VSC-075
DEI-VSC-161
DEI-VSC-162
DEI-VSC-112
DEI-VSC-020
DEI-VSC-019
DEI-VSC-158
DEI-VSC-157
DEI-VSC-159
DEI-VSC-160
DEG-VSC-070
DEG-VSC-069
DEG-VSC-068
DEJ-VSC-016
DEJ-VSC-017
DEJ-VSC-018
DEJ-VSC-013
DEJ-VSC-014
DEJ-VSC-015

NOTES:

1. SITE PLAN ADAPTED FROM MIT CAMPUS MAP AND BUILDING PLANS.
2. SAMPLE LOCATIONS SHOWN ARE ESTIMATED.

LEGEND

- AREA PROPOSED FOR SOIL EXCAVATION
- SOIL EXCAVATION AREA IDENTIFIER
- POST-EXCAVATION VERIFICATION SAMPLE
- 1.5 METER VERIFICATION SAMPLING GRID
- COMPOSITE GROUPING OF INDIVIDUAL SAMPLE LOCATION AND IDENTIFIER. GREEN REPRESENTS AREA OF INFERENCE.
- ASPHALT OR CONCRETE GROUND SURFACE COVERING

0 16 32

SCALE IN FEET

MIT W85 WESTGATE
CAMBRIDGE, MASSACHUSETTS

FINAL COMPLETION REPORT

W85 DE FIRST ROUND VERIFICATION SAMPLING PLAN DETAIL

DESIGNED BY: GJF	CHECKED BY: ALW
DRAWN BY: EVR	Figure 2.5E.dwg

JOB NO: 210725
DATE: FEBRUARY 2010
SCALE: AS NOTED

FIGURE 2.5E

WOODARD &CURRAN
35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

VASSAR STREET

PARKING

PARKING

PLAYGROUND

W85DE

DEG-VSC-200
DEG-VSC-198
DEI-VSC-213
DEI-VSD-214
DEI-VSD-215
DEI-VSD-216
DEI-VSD-217
DEG-VSC-201
DEI-VSC-194
DEI-VSC-195
DEI-VSD-196

G H I J

LEGEND

AREA PROPOSED FOR SOIL EXCAVATION

SOIL EXCAVATION AREA IDENTIFIER

POST-EXCAVATION VERIFICATION SAMPLE

1.5 METER VERIFICATION SAMPLING GRID

COMPOSITE GROUPING OF INDIVIDUAL SAMPLE LOCATION AND IDENTIFIER. GREEN REPRESENTS AREA OF INFERENCE.

ASPHALT OR CONCRETE GROUND SURFACE COVERING

N

NOTES:

1. SITE PLAN ADAPTED FROM MIT CAMPUS MAP AND BUILDING PLANS.
2. SAMPLE LOCATIONS SHOWN ARE ESTIMATED.

0 16 32

SCALE IN FEET

MIT W85 WESTGATE
CAMBRIDGE, MASSACHUSETTS

FINAL COMPLETION REPORT

W85 DE SECOND ROUND VERIFICATION SAMPLING PLAN DETAIL

DESIGNED BY: GJF	CHECKED BY: ALW
DRAWN BY: EVR	Figure 2.5F.dwg

JOB NO: 210725
DATE: FEBRUARY 2010
SCALE: AS NOTED

FIGURE 2.5F

WOODARD & CURRAN
35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

SCALE IN FEET

0 20 40

NOTES:

1. SITE PLAN ADAPTED FROM MIT CAMPUS MAP AND BUILDING PLANS.
2. SAMPLE LOCATIONS SHOWN ARE ESTIMATED.

LEGEND

- AREA PROPOSED FOR SOIL EXCAVATION
- SOIL EXCAVATION AREA IDENTIFIER
- POST-EXCAVATION VERIFICATION SAMPLE
- 1.5 METER VERIFICATION SAMPLING GRID
- COMPOSITE GROUPING OF INDIVIDUAL SAMPLE LOCATION AND IDENTIFIER. GREEN REPRESENTS AREA OF INFERENCE.
- ASPHALT OR CONCRETE GROUND SURFACE COVERING

FIGURE 2.5G

SCALE: AS NOTED

DATE: FEBRUARY 2010

JOB NO: 210725

MIT W85 WESTGATE
CAMBRIDGE, MASSACHUSETTS

FINAL COMPLETION REPORT

W85 FG FIRST ROUND VERIFICATION SAMPLING PLAN DETAIL

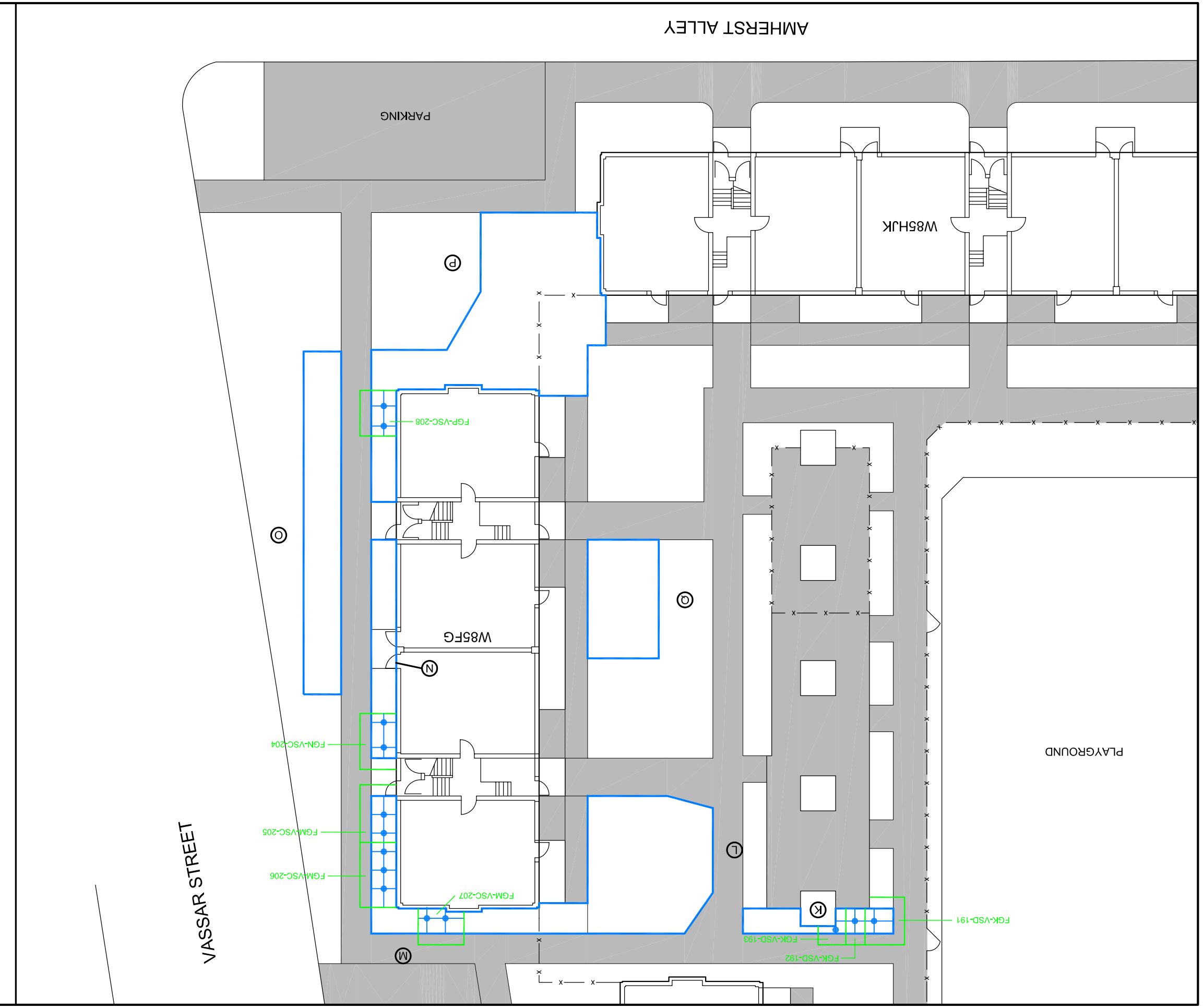
DESIGNED BY:	GJF
DRAWN BY:	EVR
CHECKED BY:	ALW

Figure 2.5G.dwg

WOODARD & CURRAN

35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS



SCALE IN FEET

0 20 40

NOTES:

1. SITE PLAN ADAPTED FROM MIT CAMPUS MAP AND BUILDING PLANS.
2. SAMPLE LOCATIONS SHOWN ARE ESTIMATED.

LEGEND

- AREA PROPOSED FOR SOIL EXCAVATION
- (P) SOIL EXCAVATION AREA IDENTIFIER
- POST-EXCAVATION VERIFICATION SAMPLE
- 1.5 METER VERIFICATION SAMPLING GRID
- FGP-VSC-208 COMPOSITE GROUPING OF INDIVIDUAL SAMPLE LOCATION AND IDENTIFIER. GREEN REPRESENTS AREA OF INFERENCE.
- ASPHALT OR CONCRETE GROUND SURFACE COVERING

FIGURE 2.5H

SCALE: AS NOTED
DATE: FEBRUARY 2010
JOB NO: 210725

MIT W85 WESTGATE
CAMBRIDGE, MASSACHUSETTS

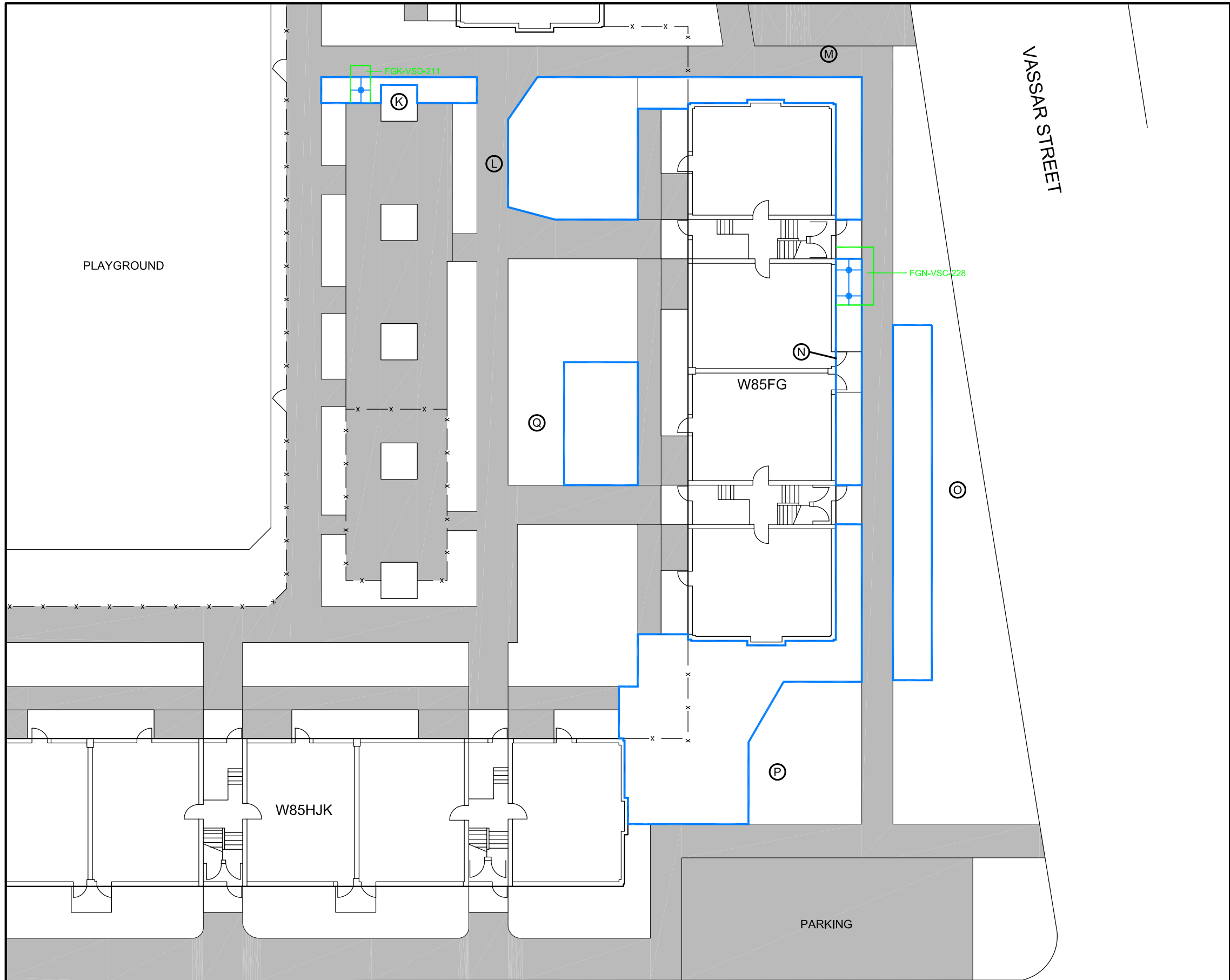
FINAL COMPLETION REPORT

W85 FG SECOND ROUND VERIFICATION SAMPLING PLAN DETAIL

DESIGNED BY: GJF
DRAWN BY: EVR
CHECKED BY: ALW
Figure 2.5H.dwg

WOODARD & CURRAN
35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS



LEGEND

- AREA PROPOSED FOR SOIL EXCAVATION
- (N) SOIL EXCAVATION AREA IDENTIFIER
- POST-EXCAVATION VERIFICATION SAMPLE
- 1.5 METER VERIFICATION SAMPLING GRID
- FGN-VSC-228 — COMPOSITE GROUPING OF INDIVIDUAL SAMPLE LOCATION AND IDENTIFIER. GREEN REPRESENTS AREA OF INFERENCE.
- ASPHALT OR CONCRETE GROUND SURFACE COVERING

NOTES:

1. SITE PLAN ADAPTED FROM MIT CAMPUS MAP AND BUILDING PLANS.
2. SAMPLE LOCATIONS SHOWN ARE ESTIMATED.

0 20 40

SCALE IN FEET

35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD & CURRAN

W85 FG THIRD ROUND VERIFICATION SAMPLING PLAN DETAIL

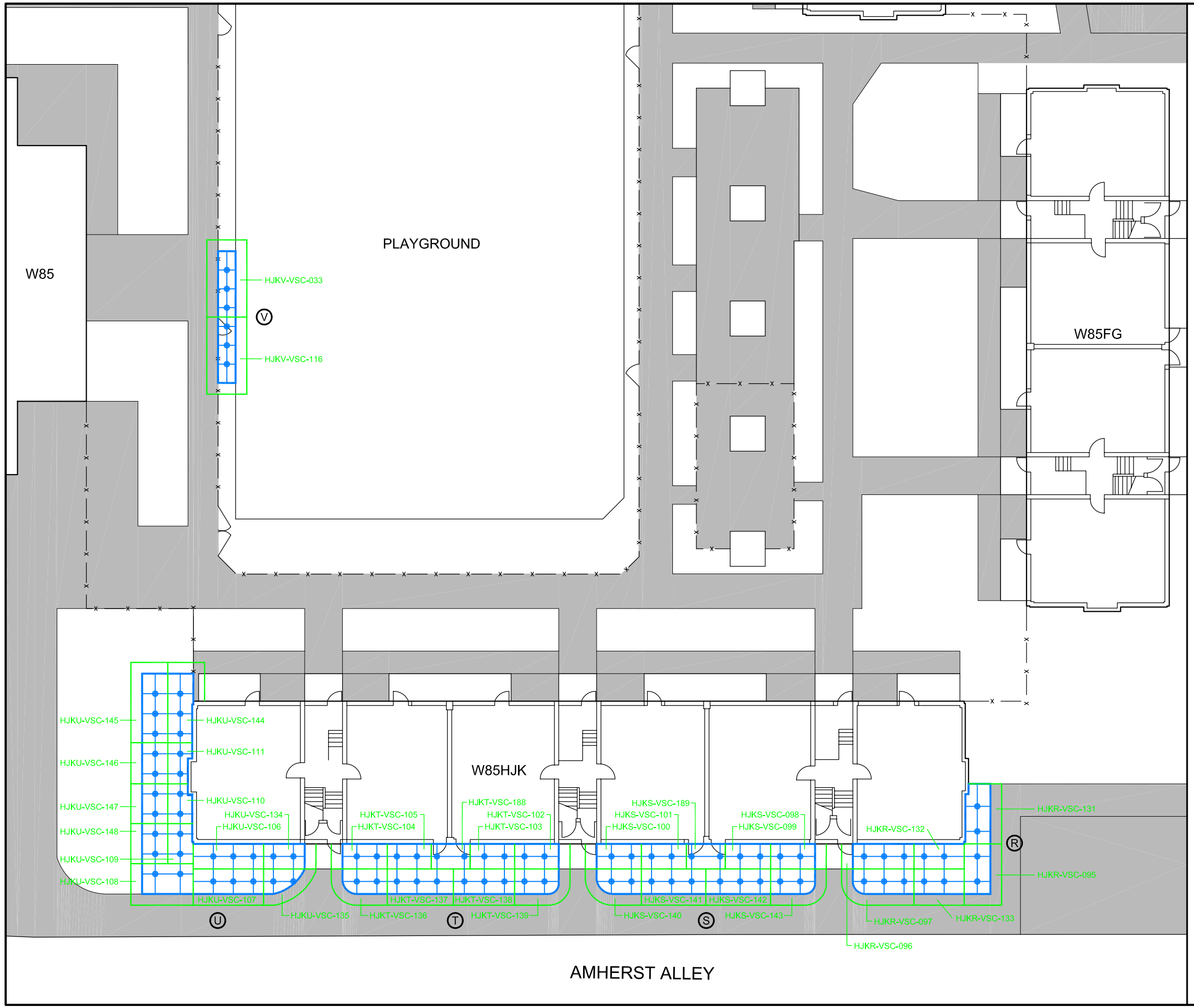
DESIGNED BY: GJF
DRAWN BY: EVR
CHECKED BY: Figure 2.5I.dwg

MIT W85 WESTGATE
CAMBRIDGE, MASSACHUSETTS

FINAL COMPLETION REPORT

JOB NO: 210725
DATE: FEBRUARY 2010
SCALE: AS NOTED

FIGURE 2.5I



LEGEND

- AREA PROPOSED FOR SOIL EXCAVATION
- Ⓡ SOIL EXCAVATION AREA IDENTIFIER
- POST-EXCAVATION VERIFICATION SAMPLE
- 1.5 METER VERIFICATION SAMPLING GRID
- HJKR-VSC-131 COMPOSITE GROUPING OF INDIVIDUAL SAMPLE LOCATION AND IDENTIFIER. GREEN REPRESENTS AREA OF INFERENCE.
- ASPHALT OR CONCRETE GROUND SURFACE COVERING

NOTES:

1. SITE PLAN ADAPTED FROM MIT CAMPUS MAP AND BUILDING PLANS.
2. SAMPLE LOCATIONS SHOWN ARE ESTIMATED.

0 20 40

SCALE IN FEET

35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD & CURRAN

W85 HJK FIRST ROUND VERIFICATION SAMPLING PLAN DETAIL

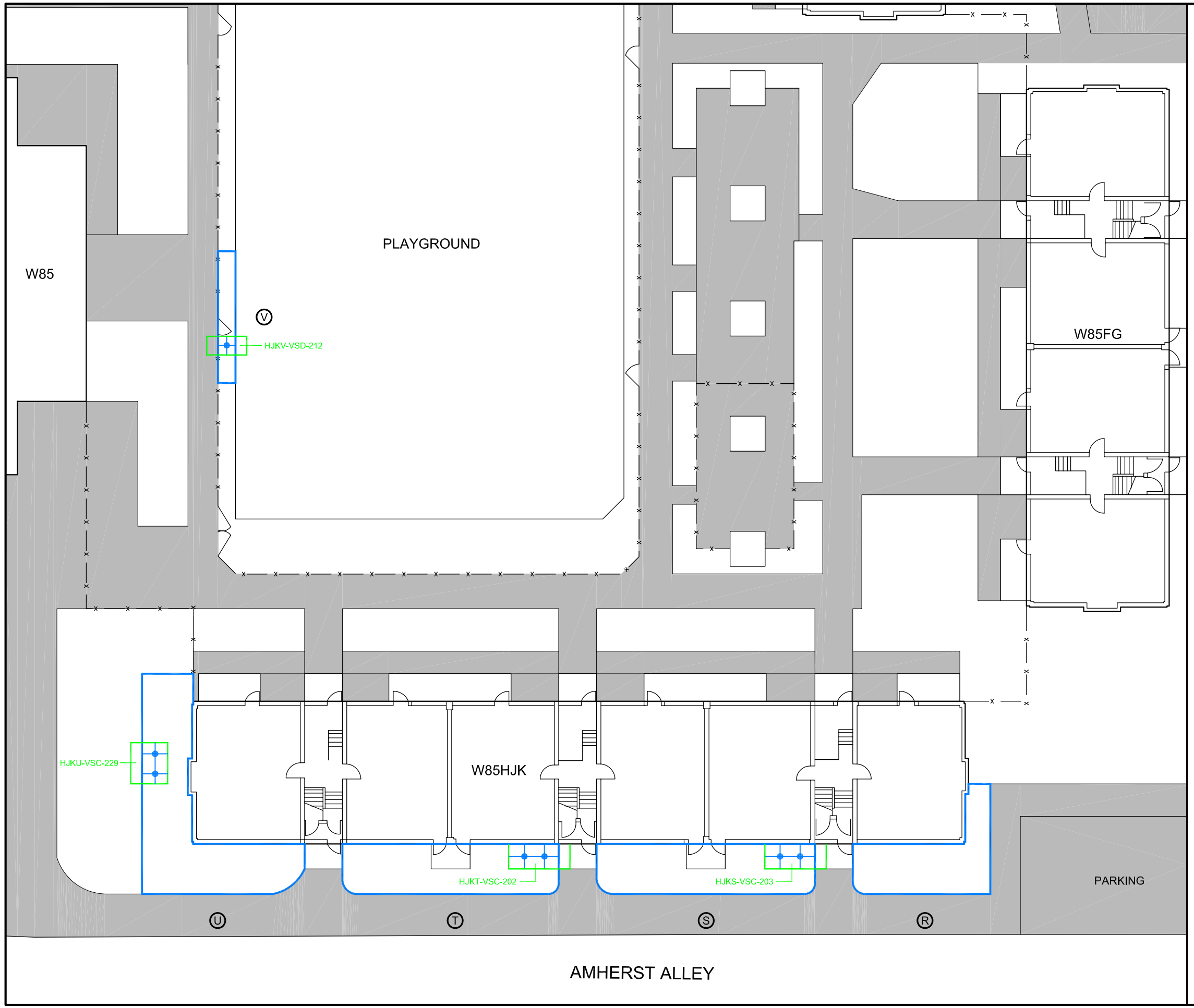
DESIGNED BY: GJF
DRAWN BY: EVR
CHECKED BY: ALW
Figure 2.5J.dwg

MIT W85 WESTGATE
CAMBRIDGE, MASSACHUSETTS

FINAL COMPLETION REPORT

JOB NO: 210725
DATE: FEBRUARY 2010
SCALE: AS NOTED

FIGURE 2.5J



LEGEND

- AREA PROPOSED FOR SOIL EXCAVATION
- Ⓢ SOIL EXCAVATION AREA IDENTIFIER
- POST-EXCAVATION VERIFICATION SAMPLE
- 1.5 METER VERIFICATION SAMPLING GRID
- HJKS-VSC-203 COMPOSITE GROUPING OF INDIVIDUAL SAMPLE LOCATION AND IDENTIFIER. GREEN REPRESENTS AREA OF INFERENCE.
- ASPHALT OR CONCRETE GROUND SURFACE COVERING

NOTES:

1. SITE PLAN ADAPTED FROM MIT CAMPUS MAP AND BUILDING PLANS.
2. SAMPLE LOCATIONS SHOWN ARE ESTIMATED.

0 20 40

SCALE IN FEET

35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD & CURRAN

W85 HJK SECOND ROUND VERIFICATION SAMPLING PLAN DETAIL

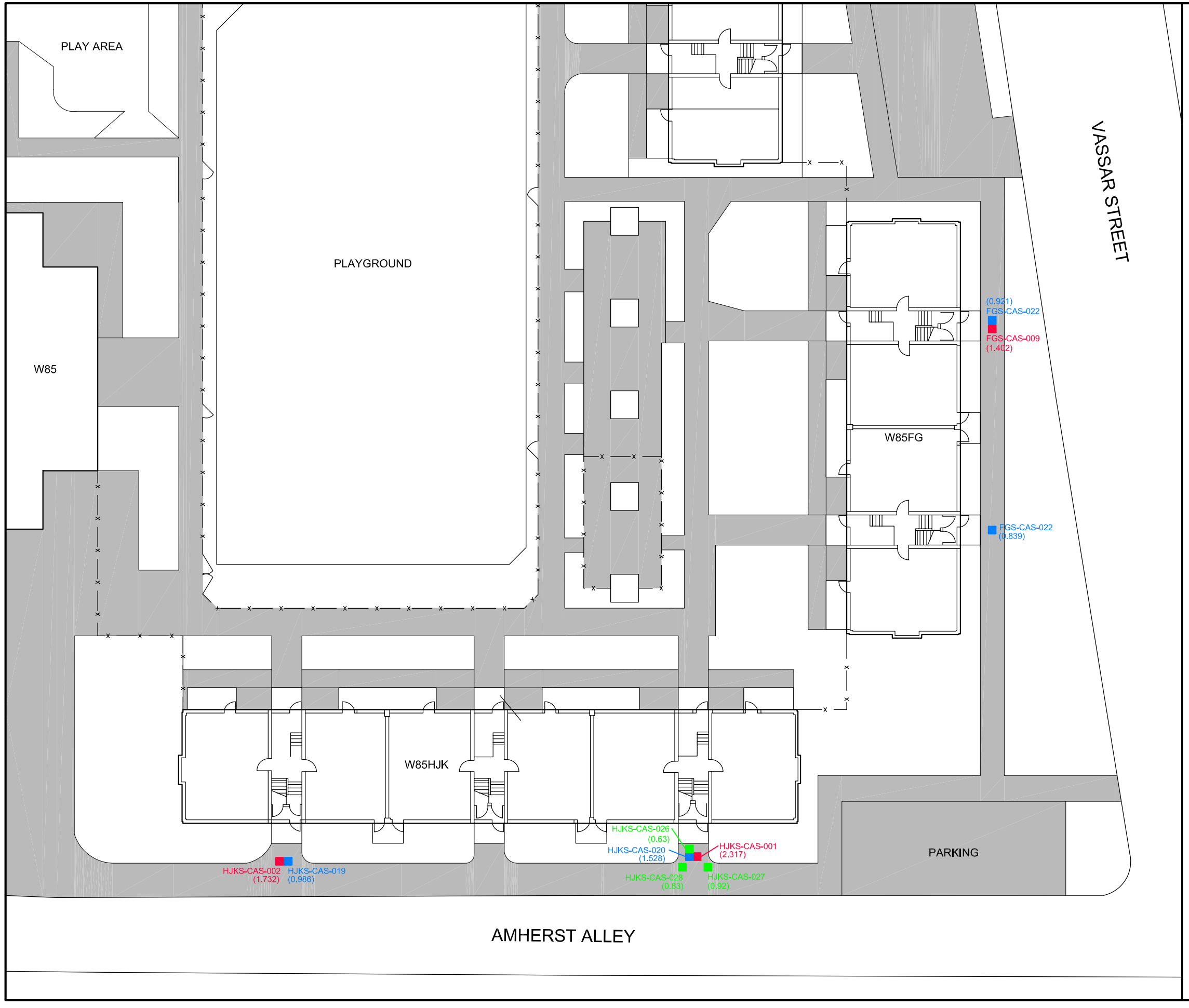
DESIGNED BY: GJF
DRAWN BY: EVR
CHECKED BY: ALW
Figure 2.5K.dwg

MIT W85 WESTGATE
CAMBRIDGE, MASSACHUSETTS

FINAL COMPLETION REPORT

JOB NO: 210725
DATE: JANUARY 2010
SCALE: AS NOTED

FIGURE 2.5K



LEGEND

HJKS-CAS-001 AUGUST 2008 ASPHALT SAMPLING LOCATION (PCB CONCENTRATION IN ppm)

HJKS-CAS-020 DECEMBER 2008 POST-DECONTAMINATION ASPHALT SAMPLING LOCATION (PCB CONCENTRATION IN ppm)

HJKS-CAS-026 APRIL 2009 ASPHALT SAMPLING LOCATION(PCB CONCENTRATION IN ppm)

ASPHALT OR CONCRETE

NOTES:

1. SITE PLAN ADAPTED FROM MIT CAMPUS MAP AND BUILDING PLANS.
2. SAMPLE LOCATIONS SHOWN ARE ESTIMATED.

0 25 50

SCALE IN FEET

35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD & CURRAN

W85 FG AND W85 HJK ASPHALT SAMPLE LOCATIONS

DESIGNED BY: EVR
DRAWN BY:
CHECKED BY: AM
Figure 2.5L.dwg

MIT W85 WESTGATE
CAMBRIDGE, MASSACHUSETTS

FINAL COMPLETION REPORT

JOB NO: 210725
DATE: FEBRUARY 2010
SCALE: AS NOTED

FIGURE 2.5L

APPENDIX A: EPA APPROVAL & NOTICES

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION I
1 CONGRESS STREET, SUITE 1100
BOSTON, MASSACHUSETTS 02114-2023

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

MAY 15 2008

Mr. William Van Schalkwyk
Managing Director, Environmental Health & Safety
Massachusetts Institute of Technology
77 Massachusetts Avenue
Cambridge, Massachusetts 02139-4307

Re: Westgate Housing Facility PCB Risk-Based Cleanup and Disposal Approval under 40 CFR §§ 761.61(c), 761.62, and 761.79(h)

Dear Mr. Van Schalkwyk:

This is in response to the Massachusetts Institute of Technology (MIT) Application[1] for approval of a proposed PCB cleanup at the W85 Westgate Housing Facility (Westgate complex) located at the MIT campus, Cambridge, Massachusetts. Buildings in the Westgate complex contain PCB-contaminated materials that exceed the allowable PCB levels under the federal PCB regulations at 40 CFR § 761.20(a) and § 761.61. Specifically, samples collected from caulk, concrete, and brick have identified PCB contamination at greater than (>) 1 part per million (ppm). PCBs have also been identified in soils located around/adjacent to the Westgate complex buildings.

During November 2007 and December 2007, MIT conducted a limited abatement project to evaluate PCB abatement and decontamination methods in section A of the ABC Building. This work was conducted under the *November 2, 2007 Limited Alternative Decontamination Approval under 40 CFR §§ 761.61(a), 761.61(c), 761.62, and 761.79(h)*. Although this limited abatement project showed that the abatement methods could be implemented and meet the PCB cleanup standards for most surfaces, the abatement methods caused significant noise, vibration and disruption for building occupants. For those surfaces which could not be decontaminated, it is likely that the PCB cleanup standard of 1 ppm would not be achieved without removal of the PCB-impacted materials, potentially resulting in building structural concerns as well as interior dust issues.

---

[1] The decontamination plan was prepared by Woodard & Curran on your behalf to satisfy the requirements under 40 CFR §§ 761.61(c), 761.62, and 761.79(h). Information was received dated February 27, 2008 (with attached Remediation Plan dated February 2008) and May 9 and 12, 2008 (via e-mail). These submittals will be referred to as the "Application", which also includes previously submitted documents dated October 2, 2007; October 19, 2007 (via e-mail); and October 30, 2007 (via e-mail).

As a result of the limited abatement project findings, MIT is proposing a risk-based plan to address PCB-contaminated caulk and building materials at the four 3-story low-rise buildings. MIT has proposed a cleanup plan under the PCB risk-based cleanup and disposal option at 40 CFR § 761.61(c), § 761.62, and § 761.79(h) that includes the following major activities:

- Removal and disposal of PCB caulk, PCB-impacted caulk, and backer rods (if present) and replacement with new caulk;
- Decontamination of horizontal PCB-contaminated *porous surfaces* (balconies) using a chemical wash to achieve a PCB cleanup standard of 1 ppm. If post-abatement confirmatory sampling indicates an exceedence of the 1 ppm PCB cleanup standard, a sealant will be applied and a wooden decking will be constructed over the area;
- Encapsulation of PCB-contaminated building *porous surfaces* (i.e. concrete and brick), with the exception of the balconies, with an epoxy-based sealant and/or a metal barrier;
- Decontamination of *non-porous surfaces* (i.e. metal frames) to less than or equal to (≤) 10 µg/100 cm^2 PCBs;
- Removal and off-site disposal of PCB-contaminated soils, asphalt, and (non-building) concrete at greater than (>) 1 ppm;
- Disposal of all wastes in a TSCA-approved disposal facility in accordance with § 761.61(b) and § 761.62; and,
- Establishment of a long-term monitoring and maintenance plan for the encapsulant and/or the metal barriers.

Based on the EPA's review, the information provided in the Application meets the requirements under § 761.62(a) and § 761.79(h) for abatement of PCB caulk. EPA also finds that following removal of the PCB caulk, the proposed encapsulation of PCB-contaminated *porous surfaces* should effectively prevent direct exposure of these PCB-contaminated *porous surfaces* to building users and building occupants provided the sealant is maintained. As such, EPA may approve this remedy under § 761.61(c).

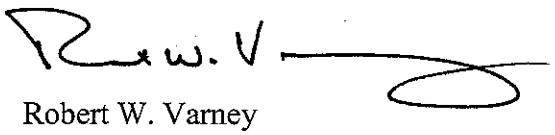
MIT may proceed with its project in accordance with 40 CFR § 761.61(c); § 761.62; § 761.79(h); its Application; and, this Approval, subject to the conditions of Attachment 1. Under this Approval, EPA is reserving its right to require additional investigation or mitigation measures should the results of the long-term monitoring sampling indicate an unreasonable risk to building occupants and/or building users.

Questions and correspondence on this Approval should be directed to:

Kimberly N. Tisa, PCB Coordinator
United States Environmental Protection Agency
1 Congress Street, Suite 1100 - CPT
Boston, Massachusetts 02114-2023
Telephone: (617) 918-1527
Facsimile: (617) 918-0527

EPA shall not consider the work authorized under this Approval to be complete until it has received all submittals required under this Approval.

Sincerely,



Robert W. Varney
Regional Administrator

cc J. Hamel, Woodard & Curran
M. Milette, EPA
MADEP, Boston
File

Attachment 1

ATTACHMENT 1: PCB RISK-BASED CLEANUP AND DISPOSAL APPROVAL CONDITIONS

MASSACHUSETTS INSTITUTE OF TECHNOLOGY (MIT)
WESTGATE HOUSING FACILITY COMPLEX
CAMBRIDGE, MASSACHUSETTS

GENERAL CONDITIONS

1. This Approval is granted under the authority of Section 6(e) of the Toxic Substances Control Act (TSCA), 15 U.S.C. § 2605(e), and the PCB regulations at 40 CFR Part 761, and applies solely to *PCB remediation waste and PCB Bulk Product Waste* identified in the Application and located at the Site, specifically the four 3-story low rise buildings, asphalt and/or (non-building) concrete, and soils. The 3-story low-rise buildings include the following locations:

    - W85 ABC: 11 - 13 - 15 Audrey Street
    - W85 DE: 290 - 292 Vassar Street
    - W85 FG: 284 - 286 Vassar Street
    - W85 HJK: 278 - 280 - 282 Vassar Street

    MIT will be required to submit a separate plan to address the 16-story high rise in the event PCBs regulated for cleanup and disposal under 40 CFR Part 761 are identified.

2. MIT shall conduct on-site activities in accordance with the conditions of this Approval and the Application.

3. This Approval may be revoked if the EPA does not receive written notification from MIT of its acceptance of the conditions of this Approval within ten (10) business days of receipt.

4. In the event that the activities described in the Application differ from the conditions specified in this Approval, the conditions of this Approval shall govern.

5. The terms and abbreviations used herein shall have the meanings as defined in 40 CFR § 761.3 unless otherwise defined within this Approval.

6. MIT must comply with all applicable federal, state and local regulations in the storage, handling, and disposal of all PCB wastes, including PCBs, PCB Items and decontamination wastes generated under this Approval. In the event of a new spill during response actions, MIT shall contact EPA within twenty-four (24) hours for direction on sampling and cleanup requirements.

7. MIT is responsible for the actions of all officers, employees, agents, contractors, subcontractors, and others who are involved in activities conducted under this Approval. If at any time MIT has or receives information indicating that MIT or any other person has failed, or may have failed, to comply with any provision of this Approval, it must report the information to EPA in writing within twenty-four (24) hours of having or receiving the information.

8. This Approval does not constitute a determination by EPA that the transporters or disposal facilities selected by MIT are authorized to conduct the activities set forth in the Application. MIT is responsible for ensuring that its selected transporters and disposal facilities are authorized to conduct these activities in accordance with all applicable federal, state and local statutes and regulations.

9. MIT shall notify EPA in writing of the scheduled date of commencement of on-site activities at least three (3) business days prior to conducting any work under this Approval.

10. This Approval does not waive or compromise EPA's enforcement and regulatory authority, nor release MIT from any other applicable requirements of federal, state or local law, including those affecting any other contamination.

REMEDIAL and DISPOSAL CONDITIONS

11. Prior to initiating onsite work under this Approval, MIT shall submit the following information for EPA review and/or approval:

    a. A certification signed by its selected abatement/remediation contractor, stating that the contractor(s) has read and understands the Application, and agrees to abide by the conditions specified in this Approval;

    b. A contractor work plan, prepared and submitted by the selected abatement/remediation contractor(s), detailing the procedures that will be employed for remediation of PCB-contaminated materials and for containment and monitoring during remediation activities. This work plan should also include information on waste storage, handling, and disposal for each waste stream type and for equipment decontamination; and,

    c. A certification signed by the selected analytical laboratory, stating that the laboratory has read and understands the analytical and quality assurance requirements specified in the Application and in this Approval.

12. PCB-contaminated materials shall be decontaminated and confirmatory sampling and analysis shall be conducted as described below:

a. PCB caulk, PCB-contaminated caulk, and backer rods (if present) shall be removed as described in the Application.

b. PCB-contaminated *porous surfaces* shall be abated as described in the Application using either a chemical wash and/or encapsulation.

i) The decontamination standard for building horizontal *porous surfaces* (i.e. balconies) shall be less than or equal to (≤) 1 part per million (ppm) without further controls or restrictions.

(1) Post-decontamination verification sampling of horizontal *porous surfaces* shall be performed on a bulk basis (i.e. mg/Kg). Samples shall be collected according to EPA's *draft* Standard Operating Procedure For Sampling Concrete in the Field, dated 12/30/97 to a maximum depth of 0.5 inches.

(2) Chemical extraction for PCBs shall be conducted using Methods 3500B/3540C of SW-846 for solid matrices; and, chemical analysis for PCBs shall be conducted using Method 8082 of SW-846, unless another extraction and/or analytical method(s) is validated according to Subpart Q.

(3) If post-decontamination verification sampling indicates an exceedence of the 1 ppm PCB cleanup standard, MIT may conduct additional cleaning to achieve the PCB cleanup standard. In the event the PCB cleanup standard cannot be achieved, an encapsulant/ sealant shall be applied to the *porous surface* and a wooden decking shall be constructed over the area.

ii) Initial sampling of **encapsulated** *porous surfaces* shall be performed on a surface area basis by a wipe test (i.e. µg/100 cm^2). Chemical extraction for PCBs shall be conducted using Methods 3500B/3540C of SW-846 and chemical analysis for PCBs shall be conducted using Method 8082 of SW-846, unless another extraction and/or analytical method(s) is validated according to Subpart Q.

(1) MIT shall submit an initial sampling plan for EPA's review before initiating work under this Approval. MIT shall incorporate any modifications EPA deems necessary to evaluate the effectiveness of the encapsulation. The initial sampling plan shall include information on the sampling procedures, sampling locations, sampling frequency, and analytical criteria.

(2) In the event that PCBs at greater than (>) 1 $\mu g/100\ cm^2$ are found in the initial samples, MIT shall apply additional sealant and shall collect subsequent samples to verify that PCBs are less than (<) 1 $\mu g/100\ cm^2$.

(3) In the event that PCB concentrations in the wipe samples are > 1 $\mu g/100\ cm^2$ after application of additional sealant, MIT shall contact EPA for further discussion and direction on abatement alternatives.

c. The decontamination standard for *non-porous surfaces* (i.e. metal frames) shall be less than or equal to (≤) 10 $\mu g/100\ cm^2$ PCBs.

i) Sampling of *non-porous surfaces* shall be performed on a surface area basis by the standard wipe test as specified in 40 CFR § 761.123 (i.e. $\mu g/100\ cm^2$).

ii) Chemical extraction for PCBs shall be conducted using Methods 3500B/3540C of SW-846 and chemical analysis for PCBs shall be conducted using Method 8082 of SW-846, unless another method(s) is validated according to Subpart Q.

iii) For decontaminated *non-porous surfaces* that have PCB concentrations exceeding the decontamination standard, MIT may conduct additional decontamination to achieve the required decontamination standard. In lieu of conducting decontamination, PCB-contaminated *non-porous surfaces* may be disposed of in accordance with § 761.61(b).

d. The cleanup level for bulk *PCB remediation waste* (i.e. soil) and non-building *porous surfaces* (i.e. asphalt and concrete sidewalks) shall be ≤ 1 part per million (ppm).

i) Bulk *PCB remediation waste* (i.e. soil) samples shall be collected on a bulk basis (i.e. mg/Kg) and reported on a dry-weight basis. Verification sampling shall comply with Subpart O; samples shall be collected from both excavation bottoms and sidewalls, as applicable. MIT shall submit a plan(s) to EPA depicting the soil areas to be remediated and its proposed post-excavation verification sampling plan prior to conducting this work.

ii) Post-decontamination verification sampling of *porous surfaces* shall be performed on a bulk basis (i.e. mg/Kg). Samples shall be collected according to EPA's *draft* Standard Operating Procedure For Sampling Concrete in the Field, dated 12/30/97 to a maximum depth of 0.5 inches.

iii) Chemical extraction for PCBs shall be conducted using Methods 3500B/3540C of SW-846 for solid matrices; and, chemical analysis for PCBs shall be conducted using Method 8082 of SW-846, unless another extraction and/or analytical method(s) is validated according to Subpart Q.

13. PCB waste (at any concentration) generated as a result of the activities described in the Application, excluding any decontaminated materials, shall be marked in accordance with CFR 40 CFR § 761.40; stored in a manner consistent with 40 CFR § 761.65; and, disposed of in accordance with 40 CFR § 761.61 or § 761.62, unless otherwise specified below.

a. Non-liquid cleaning materials, PPE and similar materials resulting from decontamination may be disposed of in accordance with 40 CFR § 761.79(g)(6).

b. Moveable equipment, tools, and sampling equipment shall be decontaminated in accordance with either 40 CFR § 761.79(b)(3)(i)(A), § 761.79(b)(3)(ii)(A), or § 761.79(c)(2).

c. PCB-contaminated water generated during decontamination shall be decontaminated in accordance with 40 CFR § 761.79(b)(1) or disposed of under § 761.70.

14. To the maximum extent practical, engineering controls shall be utilized to minimize the potential for PCB releases during the abatement. In addition, to the maximum extent possible, disposable equipment and materials, including PPE, will be used to reduce the amount of decontamination necessary.

DEED RESTRICTION AND USE CONDITIONS

15. Within thirty (30) days of completing the activities described in the Application and authorized under the Approval, MIT shall submit for EPA review and approval, a draft deed restriction for the Site. The deed restriction shall include: a description of the extent and levels of contamination at the Site following abatement; a description of the actions taken at the Site; a description of the use restrictions for the Site; and the long-term monitoring and maintenance requirements on the Site. Within seven (7) days of receipt of EPA's approval of the draft deed restriction, MIT shall record the deed restriction. A copy of this Approval shall be attached to the deed restriction.

16. MIT shall notify the EPA of the sale, lease or transfer of any portion of the Site, in writing, no later than thirty (30) days prior to such action. This notification shall include the name, address, and telephone number of the new owner(s). In the event that MIT sells, leases or transfers any portion of the Site, MIT shall continue to be bound by all the terms and conditions of this Approval, unless EPA allocates some or all of this

Approval's responsibilities to the new owner through the issuance of a new approval. The procedures for the issuance of a new approval ("re-issued approval") are as follows:

a. The new owner(s), lessee or transfer entity must request, in writing, that the EPA issue a new approval to the new owner(s), lessee or transfer entity which transfers some or all responsibilities to comply with the terms and conditions of this Approval to that entity or entities;

b. The EPA reviews the request, and determines whether to issue a new approval; and,

c. The new owner(s), lessee or transfer entity provides written notification to the EPA of its acceptance of and intention to comply with the terms and conditions of the re-issued approval. The re-issued approval may be withdrawn if the EPA does not receive written notification from the new owner(s), lessee or transfer entity of its acceptance of, and intention to comply with, the terms and conditions of the re-issued approval within thirty (30) days of the date of the re-issued approval. Under such circumstances, all terms and conditions of this Approval will continue to be binding on MIT.

d. Notification to EPA as required under Condition 16 shall not be required for the routine leasing of apartment units to current MIT students and their families for housing. Notification to building occupants on the PCBs at the Site should be included in the long-term monitoring and maintenance implementation plan per Condition 19.

17. In the event that the sale, lease or transfer of the Site will involve or result in a change in the use of the Site, EPA may revoke, suspend, and/or modify this Approval or the re-issued approval if it finds, due to the change in use, that this risk-based cleanup and disposal action will not be protective of health or the environment. The new owner shall record any amendment to the deed restriction, resulting from any approved modification(s), within sixty (60) days of such change(s).

18. In any sale, lease or transfer of the Site, MIT shall retain sufficient access rights to enable it to continue to meet its obligations under this Approval for maintenance and monitoring of the coating, except as provided above.

INSPECTION, MONITORING, MODIFICATION AND REVOCATION CONDITIONS

19. Within thirty (60) days of receipt of this Approval, MIT shall submit for EPA's review and approval, the following:

    a. A detailed long-term monitoring and maintenance implementation plan (MMIP) for the surface sealant. MIT shall incorporate any changes to the MMIP required by EPA.

        i) The MMIP shall include: a description of the activities that will be conducted, including inspection criteria, frequency, and routine maintenance activities; sampling protocols, sampling frequency, and analytical criteria; reporting requirements; and, corrective measures that will be implemented if the 1 $\mu g/100\ cm^2$ surface standard is exceeded.

        ii) The MMIP shall include a communications component which details how the maintenance and monitoring results will be communicated to the Site users, including apartment occupants, on-site workers, and other interested stakeholders.

        iii) The MMIP also shall include a worker training component for maintenance workers or for any person that will be conducting work that could impact the building sealant.

        iv) MIT shall submit the results of these long-term monitoring and maintenance activities to EPA. Based on its review of the results, EPA may determine that modification to the MMIP is necessary in order to monitor and/or evaluate the long-term effectiveness of the sealant.

        v) Activities required under the MMIP shall be conducted until such time that EPA determines, in writing, that such activities are no longer necessary.

    b. An apartment cleaning plan, which shall include: areas proposed for cleaning, cleanup standards, sampling protocols, analytical criteria, and reporting requirements.

20. Any modification(s) in the plan, specifications, or information submitted by MIT, contained in the Application, and forming the basis upon which this Approval has been issued, must receive prior written approval from the EPA. MIT shall inform the EPA of any modification, in writing, at least ten (10) days prior to such change. No action may be taken to implement any such modification unless the EPA has approved of the modification, in writing. The EPA may request additional information in order to determine whether to approve the modification.

If such modification involves a change in the use of the Site which results in exposures not considered in the Application, the EPA may revoke, suspend, and/or modify this Approval upon finding that this risk-based cleanup and disposal action may pose an unreasonable risk of injury to health or the environment due to the change in use. EPA may take similar action if the EPA does not receive requested information needed from MIT to make a determination regarding potential risk.

21. Any departure from the conditions of this Approval without prior, written authorization from the EPA may result in the revocation, suspension and/or modification of the Approval, in addition to any other legal or equitable relief or remedy the EPA may choose to pursue.

22. Any misrepresentation or omission of any material fact in the Application or in any future records or reports may result in the EPA's revocation, suspension and/or modification of the Approval, in addition to any other legal or equitable relief or remedy the EPA may choose to pursue.

23. Approval for these activities may be revoked, modified or otherwise altered: if EPA finds a violation of the conditions of this Approval or of 40 CFR Part 761, including EPA's PCB Spill Cleanup Policy, or other applicable rules and regulations; if EPA finds that these activities present an unreasonable risk to public health or the environment; if EPA finds that there is migration of PCBs from the Site; or if EPA finds that changes are necessary to comply with new rules, standards, or guidance for such approvals. MIT may apply for appropriate modifications in the event new rules, standards, or guidance come into effect.

24. MIT shall allow any authorized representative of the Administrator of the EPA to inspect the Site and to inspect records and take samples as may be necessary to determine compliance with the PCB regulations and this Approval. Any refusal by MIT to allow such an inspection (as authorized by Section 11 of TSCA) shall be grounds for revocation of this Approval.

RECORDKEEPING AND REPORTING CONDITIONS

25. MIT shall prepare and maintain all records and documents required by 40 CFR Part 761, including, but not limited to, the records required by Subparts J and K. MIT shall maintain a written record of the cleanup and the analytical sampling for activities conducted under this Approval at the Site. All records shall be made available for inspection by authorized representatives of the EPA, until such time as EPA approves in writing a request for an alternative disposition of such records.

26. MIT shall submit a Final Completion Report (Report) to the EPA within 120 days of completion of the activities described under this Approval. At a minimum, this Report shall include: a discussion of the project activities; characterization and verification sampling analytical results; copies of the accompanying analytical chains of custody; field and laboratory quality control/quality assurance checks; an estimate of the quantity of PCBs removed and disposed off-site; copies of manifests; and, copies of certificates of disposal or similar certifications issued by the disposer, if applicable. The Report shall also include a copy of the recorded deed restriction and a certification signed by a MIT official verifying that the authorized activities have been implemented in accordance with this Approval and the Application.

27. As required under Condition 19 of this Approval, MIT shall submit the results of the long-term monitoring and maintenance activities to EPA as specified in the final MMIP to be approved by EPA.

28. Required submittals shall be mailed to:

Kimberly N. Tisa, PCB Coordinator
United States Environmental Protection Agency
1 Congress Street, Suite 1100 - CPT
Boston, Massachusetts 02114-2023
Telephone: (617) 918-1527
Facsimile: (617) 918-0527

29. No record, report or communication required under this Approval shall qualify as a self-audit or voluntary disclosure under EPA audit, self disclosure or penalty policies.

****

END OF ATTACHMENT 1

COMMITMENT & INTEGRITY
DRIVE RESULTS

35 New England Business Center
Suite 180
Andover, Massachusetts 01810
www.woodardcurran.com

T 866.702.6371
T 978.557.8150
F 978.557.7948

June 26, 2008

WOODARD &CURRAN

Ms. Kimberly Tisa, PCB Coordinator
U.S. Environmental Protection Agency Region 1
1 Congress Street, Suite 1100
Boston, Massachusetts 02114-2023

Re: Notification and Certifications
PCB Risk-Based Cleanup and Disposal Approval
under 40 CFR 761.61(c), 761.62, and 761.79(h)
MIT Westgate, Cambridge, MA

Dear Ms. Tisa:

On behalf of Massachusetts Institute of Technology (MIT) and based on the U.S. Environmental Protection Agency's (EPA's) May 15, 2008 PCB Risk-Based Cleanup and Disposal Approval under 40 CFR 761.61(c), 761.62, and 761.79(h) ("the Approval") for the above-mentioned site, this letter provides notifications and certifications as required in the Conditions to the above-mentioned Approval.

Pursuant to General Condition 9, on-site activities relating to the work described in the Application are tentatively scheduled to commence on or about the week of July 7, 2008.

Pursuant to Remedial and Disposal Condition 11a through c, the following are attached to this letter:

a. The signed certification by the remediation contractors.
b. A contractor workplan detailing the specific procedures that will be employed during the remediation activities.
c. The signed certification by the analytical laboratory.

If you have any comments, questions, or require further information, please do not hesitate to e-mail or call me at the number listed above.

Sincerely,

WOODARD & CURRAN INC.

Jeffrey Hamel, LSP, LEP
Senior Vice President

cc: Bill Van Schalkwyk, MIT

Certification

Pursuant to EPA's May 15, 2008 Westgate Housing Facility PCB Risk-Based Cleanup and Disposal Approval under 40 CFR 761.61(c), 761.62, and 761.79(h) Remedial and Disposal Condition 11a, the required written certification, signed by the remediation contractor performing the work is set forth below.

We have read and understand the Application, as defined in EPA's May 15, 208 Approval, and agree to abide by the conditions specified in EPA's May 15, 2008 Risk-Based Cleanup and Disposal Approval under 40 CFR 761.61(c), 761.62, and 761.79(h).

Craig St — 6/25/08

Authorized Signature — Date

CRAIG STARKMAN

Name of Authorized representative (print)

ESTIMATOR

Title

DE-TAM CORPORATION

Company

[signature] — 6/25/08

Authorized Signature — Date

BRUCE A SULLIVAN

Name of Authorized representative (print)

FIELD SERVICE MANAGER

Title

TRIUMVIRATE ENVIRONMENTAL

Company

Certification

Pursuant to EPA's May 15, 2008 Westgate Housing Facility PCB Risk-Based Cleanup and Disposal Approval under 40 CFR 761.61(c), 761.62, and 761.79(h) Remedial and Disposal Condition 11c, the required written certification, signed by the selected analytical laboratory performing the work is set forth below.

We have read and understand the Application, as defined in EPA's May 15, 2008 Approval, and agree to abide by the conditions specified in EPA's May 15, 2008 Risk-Based Cleanup and Disposal Approval under 40 CFR 761.61(c), 761.62, and 761.79(h).

S. L. Knollmeyer MGR — 6/24/2008

Authorized Signature — Date

Stephen L. Knollmeyer

Name of Authorized representative (print)

Manager / Laboratory Director

Title

Analytics Environmental Lab, LLC

Company

Contractor Workplan
PCB Remediation
MIT Westgate W85 Low-Rise

This Contractor Work Plan is being submitted to meet the requirements of Remedial and Disposal Condition 11 (b) of EPA's May 15, 2008 Risk-Based Cleanup and Disposal Approval under 40 CFR 761.61(c), 761.62, and 761.79(h) for the MIT Westgate W85 housing facility.

Triumvirate Environmental Services and their subcontractor Dec-TAM Corporation will be conducting the field remediation activities. Woodard & Curran, Inc. will be providing the engineering oversight, project documentation, and verification of the work activities.

This Work Plan documents the procedures and controls to be implemented during the field remediation activities including the following:

- Site preparation and controls;
- Removal of PCB containing caulk, PCB-impacted caulk, and backer rods where present. All caulking will be removed by hand tools to the maximum extent practicable. Hand tools are a requirement on this project due to the amount of noise and disruption other mechanical tools caused to the residents.
- Encapsulation of exposed concrete directly beneath caulking and adjacent bricks (one full brick length on the vertical seams and 2 rows of brick below the horizontal seams) with two applications of a protective, solvent free, colored epoxy resin;
- Encapsulation of vertical concrete building surfaces beneath windows and the northern and southern building vertical columns (concrete and brick) with two applications of a protective, solvent free, colored epoxy resin, as high occupancy clean-up levels could not be achieved by chemical washing of these concrete surfaces after multiple attempts (based on pilot test results);
- Decontamination (via chemical washing) of horizontal concrete surfaces (exterior concrete balconies) that are impacted by PCBs and not in direct contact with caulking (decontamination to ≤ 1 ppm total PCBs). If high occupancy clean-up levels cannot be achieved on decontaminated concrete surfaces after multiple attempts, then the concrete will be sealed and covered with a wooden decking material;
- Removal of PCB-containing soils or asphalt at levels in excess of the 1 ppm cleanup level;
- Off-site disposal of wastes; and
- Final restoration, including replacement of caulking and restoration of soil excavation areas to their original ground surface coverings (e.g., grass, wood chips, etc.).

Remediation activities will be conducted on one side of the building at a time to allow building occupants to use the opposite side windows for ventilation and temperature control. Based on discussions with the residents, all of the street side work will be completed first and then the work will be conducted on the courtyard sides of the buildings. Prior to initiation and periodically during the work activities, informational sheets and meetings will be held with residents of the buildings to review the upcoming activities, work schedules, building access restrictions, and answer questions regarding the upcoming work.

1.0 Site Preparation and Controls

Prior to initiating site remediation activities, the following site controls will be implemented:

- A Health & Safety Plan will be developed specific to the work activities. All workers will follow applicable Federal and State regulations regarding the work activities, including but not limited to OSHA regulations, fall protection standards, respiratory protection, ladder/scaffolding safety, personal protective equipment, etc.
- Additional required plans and notifications will also be completed prior to the work activities (EPA submittals per the Approval, asbestos notifications, etc.)
- Access to the active work areas will be controlled through temporary fencing with controlled access points;
- Ground cover (water impervious membrane or equivalent) will be placed along the building walls to contain any debris or building materials removed from the exterior walls during the work; At the end of each work day any debris/material collected on the cover will be placed in the appropriate waste containers (see Section 6.0);
- Polyethylene sheeting will also be placed on the exterior of windows and doors that are located on the "active work" side of the building.

2.0 Caulking Removal

The following summarizes the activities to be conducted as part of this task:

- Access to the removal areas will be by mechanical lifts. Polyethylene sheeting will be used to construct a work zone enclosure on the working platform of the mechanical lift to control any dust or debris generated from the removal activities.
- All work surfaces will be wetted to minimize dust during caulking removal;
- Caulking and any foam backer rods will be removed from the building and window joints using hand tools only (knives, scrapers, etc.);
- Upon the completion of the initial removal activities, the joints will be visually inspected for the presence of any residual caulking. Given that the caulking is visually apparent, this visual inspection will be the primary verification method for the caulking removal. If residual caulking is observed, then any residual caulking will be removed to the maximum extent practicable. Any residual caulking that cannot be removed after best efforts with hand tools, as well as the underlying concrete and adjacent brick, will be encapsulated in place with the Sikaguard 62 epoxy and covered with new caulking, as appropriate (see below);
- Following caulking removal from the metal to metal window seams, these joints will be cleaned using wire brushes. Verification surface wipe samples will be collected following removal. Following sampling, additional cleaning may be required (if the cleanup levels are exceeded) or replacement caulking will be applied (upon achieving the cleanup level);
- Air monitoring within the support work zone and perimeter to this zone will be conducted in accordance with the Air Monitoring plan. To reduce dust levels and exposures to dust, a combination of engineered controls (e.g., work zone enclosures) and personal protective equipment (PPE – respirators) will be implemented as part of the work activities.
- All removed caulking and rubber foam backer (if present) will be placed in appropriate containers and temporarily stored on-site prior to off-site disposal (see Section 6.0 below).

3.0 Encapsulation of Building Materials (Concrete or Brick)

Building materials in direct contact or adjacent to the removed caulking will be encapsulated using a physical barrier (a 2 component, 100% solids, moisture-tolerant epoxy resin) to eliminate the direct exposure pathway and leaching transport pathway.

The following describes the remedial activities for these building materials:

- Following caulking removal and prior to application of the protective coating, the concrete or brick surfaces will be prepared so that they are dry, clean and sound with an open textured sandpaper-like surface.
- The epoxy coating, Sikaguard 62 Epoxy Coating will be applied directly to the concrete joint underlying the removed caulking, adjacent bricks (one full brick length on the vertical seams and 2 rows of brick below the horizontal seams), and adjacent vertical concrete surfaces per the EPA Approved Plan;
- Application will be performed in accordance with the application procedures included in the product technical specification sheet provided in the Application.
- The epoxy coating will be applied in two contrasting colors for a total thickness of 10 millimeters.
- All generated waste material (concrete dust, etc.) will be containerized in an appropriate waste container for subsequent off-site disposal (see Section 6.0);

4.0 Decontamination of Horizontal Concrete Surfaces (Balconies)

All horizontal concrete balconies will be decontaminated by chemical washing. The washing will be performed using a chemical extraction solvent (*CAPSUR*, Integrated Chemistries, Inc.), utilized specifically for PCB removal from porous surfaces.

The following describes the remedial activities for these building materials:

- Polyethylene sheeting will be installed around each balcony to prevent spilling and spreading of decontamination fluids.
- The chemical will be applied, brushed in, rinsed, and vacuumed according to the product specifications;
- All generated waste material (decontamination fluids, etc.) will be containerized for offsite disposal (see Section 6.0)

Following decontamination, the results of verification sampling will used to determine if additional actions are required. If results indicate that PCBs are present at concentrations above the clean up levels the following action will be taken:

- The horizontal concrete surfaces will be sealed using the Sikadur Balcony system.
- Wooden decking will be constructed over the balcony.

5.0 Soil Removal

Soils containing PCBs in excess of 1 ppm will be excavated and disposed of off-site as bulk PCB remediation waste. Details regarding the remediation plan for the soils are provided below.

- Prior to any work, the boundaries of the excavation area will be marked, properly secured, and a permit number obtained from Dig Safe.
- It is anticipated that soil removal activities will be conducted following the remediation of the buildings;
- Soil excavation activities will be conducted using a backhoe excavator in the identified areas. At the end of each work day, any open excavations will be secured by temporary fencing and/or partial backfill.

- Decontamination of the backhoe and related soil removal equipment will consist of a pressure wash followed by a triple rinse and collection method whenever the machines need to exit the work exclusion zone.
- Following excavation, verification samples will be collected per the Approved plan. Upon achieving the cleanup levels, all excavations will be backfilled and compacted. If the cleanup levels are not achieved in the initial verification samples, then additional soil will be excavated and verification samples collected until the cleanup levels have been met.
- Excessive airborne dust will be prevented by using appropriate dust control measures (i.e., watering, misting the work areas), as needed. Air monitoring will be conducted in accordance with the air monitoring plan.
- Given space limitations at the Westgate buildings, it is anticipated that the excavated soil will be transported to a temporary stockpiling area located on the Cambridge campus and nearby the work area. Refer to Section 6.0 for more details.

6.0 Storage and Disposal

The following activities will be completed with regard to the proper storage and disposal of PCB wastes:

- A secure, lined, and covered waste containers (e.g., roll-off), a bermed, polyethylene encapsulated stockpile area, 55-gallon DOT-approved steel containers, or cubic yard waste container/boxes will be used to store all removed materials (caulking, concrete dust, and soils) in accordance with 40 CFR 761.65;
- All containers will be properly labeled and marked in accordance with 40 CFR 761.40;
- Upon completion of the work or when a container is considered full, the waste will be transported off-site under manifest, for disposal.
    - All bulk solid material (PCB containing caulk, PCB containing soils, asphalt, or concrete, and miscellaneous materials [PPE, polyethylene sheeting, etc.]) will be disposed of at a chemical waste landfill operated in accordance with 40 CFR 761.75. The landfill that will be used on this project is the Chemical Waste Management's Chemical Services Facility located in Model City, New York. As a contingency, the EQ/Wayne Disposal chemical waste landfill in Belleville, Michigan has also been identified as a potential disposal facility.
    - The PCB decontamination fluid (used Capsur mixture) will be transported to Chemical Waste Management's Chemical Services Facility located in Model City, New York for testing and subsequent disposal at an appropriate facility.
- Copies of all manifests, waste shipment records, and certificates of disposal will be collected and provided as part of the final report to EPA.

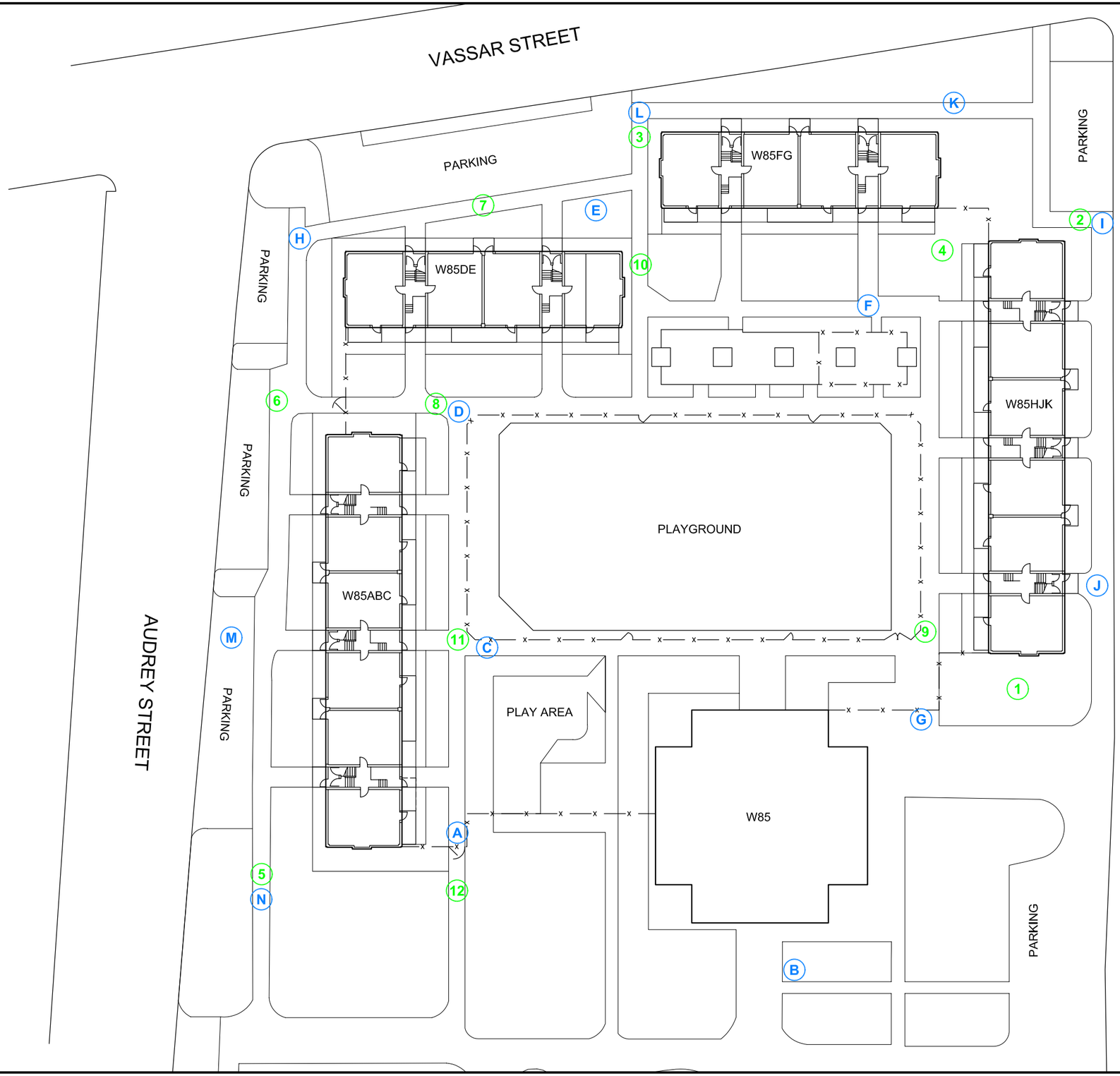
7.0 Site Restoration

The following final site restoration activities will be completed:

- Following caulking removal and encapsulation (where applicable), new caulking will be installed;
- Exposed concrete surfaces that were disturbed for sampling, etc. will be patched with concrete repair materials;
- The ground surface in all soil excavation areas will be restored with grass, wood chips, etc.
- The site controls (fencing, etc.) will be dismantled and all wastes will be transported off-site for proper disposal.

APPENDIX B: ANALYTICAL LABORATORY REPORTS

APPENDIX C: AIR MONITORING LOGS



LEGEND

1 CAULKING REMOVAL ACTIVITIES AIR MONITORING LOCATION

A SOIL REMOVAL ACTIVITIES AIR MONITORING LOCATION

—— x —— FENCE

NOTE:

SITE PLAN ADAPTED FROM MIT CAMPUS MAP

0 40 80

SCALE IN FEET

35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD & CURRAN

APPENDIX C
AIR MONITORING LOCATIONS

DESIGNED BY: GJF
DRAWN BY: EVR
CHECKED BY: ALW
Figure 1.dwg

MIT W85 WESTGATE
CAMBRIDGE, MASSACHUSETTS

FINAL COMPLETION REPORT

JOB NO: 210725
DATE: JULY 2009
SCALE: AS NOTED

FIGURE 1

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale Soil Excavation Project

Air Monitoring Location: BACKGROUND (B)

Date	Time	Dust Level mg/M^3	Temperature °F	Weather Conditions	Current Site Activity	NOTES
12/01/08	1007	0.035	50°	CLOUDY DRY	SOIL EXCAVATION ABC COURTYARD	
12/01/08	1105	0.035	55°	CLOUDY DRY	" "	
12/1/08	1205	0.023	55°	clear dry	" "	
12/1/08	1400	0.004	55°	"	" "	
12/2/08	920	0.013	45°	clear dry	soil excavation ABCF	
	1031	0.010	45	"	"	
	1141	0.006	"	"	soil exc. DEI	
	1344	0.006	"	"	"	
12/3/08	925	0.016	45	clear dry	soil exc. DE courtyard	
	1040	0.012	"	"	"	
	1142	0.011	"	"	"	
	1335	0.010	"	"	"	
12/4/08	920	0.033	40	hazy breezy	soil exc. ABC(D)	
	1030	0.101	45	"	soil exc. FG(K)	
	1140	0.025	"	"	" FGL	
	1345	0.026	"	"	" FGL	
	1520	0.016	"	"	"	
12/5/08	940	0.010	40	clear dry	soil exc. HJKV	
	1320	0.010	40	"	soil exc. DEG	
	1442	0.003	"	"	"	
12/9/08	930	0.014	18°	overcast cold	HJK street excavation	
	1045	0.023	20	"	"	

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale Soil Excavation Project

Air Monitoring Location: Background (B) page 2

Date	Time	Dust Level mg/M^3	Temperature °F	Weather Conditions	Current Site Activity	NOTES
12/9/08	~~1150~~ 1207	0.017	25	overcast cold	HJK street excavation	
	1421	0.011	25	"	"	
	1540	0.011	"	"	"	
12/10/08	926	0.013	60	drizzle gusty winds	FG/HJK corner excavation	
	No further a.m. monitoring today - rainfalling.					
	No further p.m. monitoring - rain continues.					
12/11/08 - No air monitoring today - steady rain.						
12/15/08	1202	0.010	55	Overcast windy	Excavation FG street side	
	1406	0.012	"	"	"	
	1300	0.015	"	"	"	Inc. Wind
12/16/08	1040	0.012	35	overcast	ABC street excavation	
	1140 - no more readings today - meter malfunction					
12/17/08 - no air monitoring today - heavy overnight snow/rain, and						
	continued light rainfall throughout today.					
12/18/08	1230	0.037	38	sunny	ABC street excavation	
12/19/08	9:40	0.031	25	cloudy	"	
	1125	0.028	"	"	"	
12/22/08	0955	0.012	20	Clear windy	ABC streetside excavation	
"	1115	0.012	20	"	"	
"	1318	0.010	"	"	"	
	1420	0.012	"	"	"	
	1515	0.016	"	"	"	

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale Soil Excavation Project

Air Monitoring Location: BACKGROUND (B) PG 3

Date	Time	Dust Level mg/M^3	Temperature °F	Weather Conditions	Current Site Activity	NOTES
12/23/08	11:10	0.024	20	clear cold	HJK south end excavation	*no excavation work prior to 11 am today
	12:17	0.016	20	"	"	
12/29/08	13:15	0.020	35	overcast cold	DE street redigs	
12/30/08	11:30	0.017	40	sunny windy	ABC street redigs	
	1238	0.018	"	"	"	
1/5/09	910	0.033	35	overcast	"	
	1025	0.024	35	"	HJKU redig	

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale Soil Excavation Project

Air Monitoring Location: A

Date	Time	Dust Level mg/M^3	Temperature °F	Weather Conditions	Current Site Activity	NOTES
12/01/08	1010	0.031	50°	CLOUDY DRY	SOIL EXCAVATION ABC COURTYARD	
12/01/08	1104	0.036	55°	CLEAR DRY	" "	
12/1/08	1206	0.011	55.	clear dry	" "	
12/1/08	1401	0.008	55.	"	" "	
12/2/08	921	0.010	45.	clear dry	soil excavation ABCF	
	1030	0.009	"			
12/18/08	1231	0.034	38	sunny	ABC street exc.	
12/30/08	1131	0.009	40	sunny windy	ABC street regrade	
	1242	0.013	"	"	"	

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale Soil Excavation Project

Air Monitoring Location: C

Date	Time	Dust Level mg/M^3	Temperature °F	Weather Conditions	Current Site Activity	NOTES
12/01/08	1014	0.028	50°	CLOUDY DRY	SOIL EXCAVATION ABC CONCRETING	
12/01/08	1109	0.020	55°	CLEAR DRY	" "	
12/1/08	1207	0.014	55°	"	" "	
12/1/08	1402	0.005	55°	"	" "	
12/2/08	922	0.011	45°	clear dry	soil excavation ABCF	
	1029	0.008				

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale Soil Excavation Project

Air Monitoring Location: D

Date	Time	Dust Level mg/M^3	Temperature °F	Weather Conditions	Current Site Activity	NOTES
12/01/08	1016	0.034	50°	Cloudy Dry	Soil Excavation ABC Courtyard	
12/01/08	1100	0.035	55°	Cloudy Dry	" "	
12/1/08	1209	0.014	55°	"	" "	
12/1/08	1404	0.006	55°	"	" "	
12/2/08	923	0.009	45°	clear dry	soil excavation ABCF	
	1026	0.008	45°	"	"	
	1145	0.007	45°	"	soil exc. DE(I)	
	1348	0.006	45°	"	"	
12/3/08	930	0.015	45	"	Soil exc. DE courtyard	
	1041	0.006	"	"	"	
	1141	0.009	"	"	"	
	1336	0.016	"	"	"	
12/4/08	921	0.033	40	hazy breezy	soil exc. ABC(J)	
	1031	0.018	45	"	Soil exc. FG(K)	
	1141	0.017	"	"	Soil exc. FG(L)	
	1350	0.027	"	"	"	
	1523	0.016	"	"	"	
12/5/08	1321	0.003	40	clear dry	Soil exc. DEG	
12/16/08	1041	0.007	35	overcast	ABC street excavation	
1/5/09	914	0.029	35	"	"	

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale Soil Excavation Project

Air Monitoring Location: E

Date	Time	Dust Level mg/M³	Temperature °F	Weather Conditions	Current Site Activity	NOTES
12/2/08	1146	0.005	45	clear dry	DEI excavation	
	1350	0.005	"	"	"	
12/3/08	936	0.014	45	clear dry	Soil exc. DE courtyard	
	1042	0.014	"	"	"	
	1138	0.013	"	"	"	
	1337	0.013	"	"	"	
12/4/08	922	0.021	40	hazy breezy	soil exc. ABC (D)	
	1032	0.022	45	"	soil exc. FG(K)	
	1142	0.022	"	"	soil exc. FG(L)	
	1352	0.021	"	"	"	
	1525	0.016	"	"	"	
12/5/08	1322	0.007	40	clear dry	soil exc. DEG	
	1444	0.006	"	"	"	
12/29/08	1317	0.014	35	overcast	DE street saling	

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale Soil Excavation Project

Air Monitoring Location: F

Date	Time	Dust Level mg/M^3	Temperature °F	Weather Conditions	Current Site Activity	NOTES
12/2/08	1147	0.011	45	clear dry	DEI excavation	
	1351	0.006	"	"	"	
12/3/08	934	0.020	45	clear dry	DE courtyard excavation	
	1044	0.010	"	"	"	
	1140	0.009	"	"	"	
	1338	0.008	"	"	"	
12/4/08	923	0.021	40	hazy breezy	ABC(D) excavation	
	1024	0.023	45	"	FG(K) excavation	
	1143	0.027	"	"	soil exc. @ FG(L)	
	1354	0.019	"	"	"	
	1526	0.017	"	"	"	
12/5/08	941	0.009	40	clear dry	soil exc. HJKV	

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale Soil Excavation Project

Air Monitoring Location: G

Date	Time	Dust Level mg/M^3	Temperature °F	Weather Conditions	Current Site Activity	NOTES
12/5/08	942	0.008	40	clear dry	soil excavation HJKV	
12/23/08	11:12	0.019	20	clear cold	Soil exc. HJKV	
	12:19	0.015	20	clear cold	" "	
1/5/09	1027	0.023	35	overcast	HJKV redig	

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale Soil Excavation Project

Air Monitoring Location: H

Date	Time	Dust Level mg/M^3	Temperature °F	Weather Conditions	Current Site Activity	NOTES
12/5/08	1323	0.006	40	clear day	soil exc. DEG	
	1445	0.007	40	"	"	
12/16/08	1043	0.012	35	overcast	ABC street excavation	
12/29/08	1318	0.015	35	overcast	DE street redig	

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale Soil Excavation Project

Air Monitoring Location: I

Date	Time	Dust Level mg/M^3	Temperature °F	Weather Conditions	Current Site Activity	NOTES
12/9/08	933	0.013	18	overcast cold	HJK start excavation	
	1046	0.021	20	"	"	
	1151	0.022	25	"	"	
	1423	0.012	"	"	"	
	1543	0.010	"	"	"	
12/10/08	927	0.011	60	drizzle gusty winds	FG/HJK corner excavation	

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale Soil Excavation Project

Air Monitoring Location: J

Date	Time	Dust Level mg/M^3	Temperature °F	Weather Conditions	Current Site Activity	NOTES
12/9/08	931	0.014	18	overcast cold	HJK street excavation	
	1047	0.016	20	"	"	
	1150	0.016	25	"	"	
	1422	0.007	"	"	"	
	1542	0.009	"	"	"	
12/10/08	928	0.013	60	drizzle gusty winds	FG/HJK corner excavation	
12/23/08	11:14	0.021	20	clear cold	HJKL excavation	
	12:20	0.014	"	"	HJKT excavation	
1/5/09	1026	0.030	35	overcast	HJK redug	

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale Soil Excavation Project

Air Monitoring Location: K

Date	Time	Dust Level mg/M^3	Temperature °F	Weather Conditions	Current Site Activity	NOTES
12/9/08	934	0.013	15	overcast cold	HJK street excavation	
	1048	0.020	20	"	"	
	1152	0.023	25	"	"	
	1424	0.015	25	"	"	
	1541	0.011	"	"	"	
12/10/08	929	0.012	60	drizzle gusty wind	FG/HJK corner excavation	
12/15/08	~~1210~~ 1210 OT	0.012	55	Overcast windy	FG street side excavation	High traffic on Vassar. Strong wind
	1400	0.012	"	"	"	"
	1505	0.010	"	"	"	Inc. Wind

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale Soil Excavation Project

Air Monitoring Location: L

Date	Time	Dust Level mg/M^3	Temperature °F	Weather Conditions	Current Site Activity	NOTES
12/15/02	1215	0.011	55	Overcast Windy	FG Street side Excavation	See K note Strong West Wind
	1400	0.011	"	"	"	"
	1505	0.011	"	"	"	Inc. Wind.

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale Soil Excavation Project

Air Monitoring Location: M

Date	Time	Dust Level mg/M^3	Temperature °F	Weather Conditions	Current Site Activity	NOTES
12/16/08	1042	0.009	35	overcast	ABC street excavation	
12/18/08	1234	0.029	38	sunny	"	
12/19/08	9:41	0.029	25	cloudy	"	
"	1127	0.021	25	cloudy	"	
12/22/08	0959	0.012	20	CLEAR WINDY	ABC STREETSIDE EXCAVATION	
	1118	0.010	"	"	"	
	1320	0.011	"	"	"	
	1423	0.011	"	"	"	
	1520	0.012	"	"	"	
12/30/08	1133	0.016	40	sunny windy	ABC street reding	
	1240	0.007	"	"	"	
1/5/09	913	0.029	35	overcast	"	

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale Soil Excavation Project

Air Monitoring Location: N

Date	Time	Dust Level mg/M^3	Temperature °F	Weather Conditions	Current Site Activity	NOTES
12/18/08	1232	0.028	38	sunny	ABC-A excavation	
12/19/08	942	0.026	25	cloudy	"	
	1128	0.025	"	"	"	
12/22/08	1002	0.010	20	CLEAR WINDY	ABC STREETSIDE EXCAVATION	
	1122	0.010	"	"	"	
	1322	0.011	"	"	"	
	1426	0.011	"	"	"	
	1522	0.011	"	"	"	
12/30/08	1132	0.007	40	Sunny windy	ABC street reding	
	1241	0.017	"	"	"	
1/5/09	912	0.030	35	overcast	"	

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale PCB Remediation Project

Streetside HJK/FG Buildings - Background

Date	Time	Dust Level mg/M^3	Temperature °F	Weather Conditions	Current Site Activity	NOTES
7/7/08	1056	0.060	85	Clear Humid	Mobilization and Set Up	Represents non-working conditions.
7/8/08	0935	0.072	90	Clear Humid	Set Up	
7/8/08	1129	0.080	90	"	Caulking Removal HJK (S.S)	SW Wind
7/8/08	1354	0.072	90	"	"	Inc. Wind
7/8/08	1500	0.067	90	"	"	
7/9/08	0900	0.088	90	"	Caulking Removal Set Up	SW Wind
7/9/08	1007	0.095	"	"	Caulking Removal HJK FG	SW Wind. Inc. not likely from work area
7/9/08	1112	0.068	"	"	"	Inc. Wind
7/9/08	1206	0.064	"	"	"	"
7/9/08	1424	0.063	"	"	"	"
7/9/08	1529	0.055	"	"	"	
7/10/08	0852	0.013	80	Clear	Set Up	Humidity less than previous days W Wind
7/10/08	1002	0.028	90	Clear	Caulking Removal HJK FG	Less Wind Inc Humidity
7/10/08	1057	0.02	80	"	"	"
7/10/08	1337	0.012	85	"	"	Inc. Humidity W. Wind
7/10/08	1421	0.011	85	"	"	"
7/10/08	1531	008	80	"	"	"
7/11/08	0927	.012	80	" clear	Caulking Removal HJK FG	NW Wind
7-11-08	1030	.018	80°	"	"	"
7-11-08	1131	.019	85°	"	"	"
7-11-08	1332	.045	85°	"	"	"

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale PCB Remediation Project

Streetside HJK/FG Buildings - Background

Date	Time	Dust Level mg/M^3	Temperature °F	Weather Conditions	Current Site Activity	NOTES
7-11-08	1430	.018	85	Clear	Caulking Removal HJK FG	NW Wind
7-11-08	1528	.017	80	"	"	"
7/14/08	0911	0.017	75	Showers	Caulking Removal HJK FG	
7/14/08	1053	0.023	80	Partly Sunny	"	SW Wind
7/14/08	1420	0.015	85	"	"	Inc. Humidity
7-14-08	1530	.019	85	"	"	"
7/15/08	0858	0.016	80	Clear	Caulking Removal HJK FG	
7/15/08	1056	0.024	85	Clear	"	Inc. Humidity
7/15/08	1102	0.020	85	"	"	SW Wind
7-15-08	2:30	.019	85	"	"	"
7-15-08	3:39	.022	85	"	"	"
7-16-08	0955	0.020	85	Clear	Caulking Removal HJK FG	
7-16-08	1115	0.011	85	"	"	Inc. Humidity
7-16-08	1212	0.028	85	"	"	
7-16-08	1359	0.020	85	"	"	
7-16-08	3:30	0.014	85	"	"	"
7-17-08	9:27	0.033	85	"	Caulking Removal HJK FG	Inc. Humidity NE wind
7-17-08	1033	0.056	85	"	"	"
7-17-08	1:53	0.038	85	Clear Humid	CAULKING REMOVAL	"
7-17-08	14:55	0.037	"	"	"	"

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale PCB Remediation Project

Streetside HJK/FG Buildings - Background

Date	Time	Dust Level mg/M³	Temperature °F	Weather Conditions	Current Site Activity	NOTES
7-17-08	15:55	0.034	85°	Cloudy / Humid	Caulking Removal	—
1-18-08	0951	0.038	85	Clear Humid	Caulking Removal HJK FG	
1-18-08	1110	0.040	90	"	"	
7-18-08	1202	0.040	"	"	"	Inc. SW Wind
1-100	SAMPLES NOT PERFORMED					
~~UF 7-18-08 1501~~	1501	0.033	90	"	"	Inc. SW Wind
21 7-18-08	0900	.072	85°	overcast Humid	Caulking Removal HJK FG	NE Winds
21 7-18-08	1045	.035	"	"	"	"
21 7-18-08	1221	.057	"	"	"	"
7-21-08	1345	.020	"	"	"	"
7-21-08	1451 ~~1548~~	.024	"	"	"	"
7-22-08	0916	0.017	75	Overcast Windy	Caulking Removal HJK FG Set up ADC DE	Strong NE Wind
7-22-08	1029	.021	"	"	"	"
7-22-08	1138	0.020	80	Clear	"	Dec. Wind
7-22-08	1350	0.020	85	Clear	"	
7-22-08	1500	.013	"	"	"	"
7-23-08	0955	.017	75	overcast Rain	Concrete surface prep Caulk Removal HJK FG	INC SW Wind

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale PCB Remediation Project

Streetside ABC/DE [redacted] Buildings - Background

Date	Time	Dust Level mg/M³	Temperature °F	Weather Conditions	Current Site Activity	NOTES
7-24-08	0913	0.038	75°	Overcast Rain Showers	Active Caulk removal ABC DE	High Humidity NE Wind
7-24-08	1018	0.029	75	"	"	"
7-24-08	1109	0.023	75	"	"	High Humidity Strong NE Wind
7-24-08	1405 [redacted]	Work Stopped Due to Rain				
7-25-08	0932	0.047	80	Clear Humid	CAULK REMOVAL ABC DE	
7-25-08	1046	0.022	80	"	"	
7-25-08	1142	0.021	"	"	"	Inc. W. Wind
7-25-08	1404	0.033	"	"	"	NO Wind
7-25-08	1511	0.037	"	"	"	Inc. W. Wind
7-28-08	9[45]	0.028	85	Clear Humid	Active Caulk Removal ABC DE	NE Wind
7-28-08	11[24]	.038	"	"	"	"
7-28-08	1[20]	.034	"	"	"	"
7-28-08	2[34]	.028	"	"	"	"
7-28-08	3[40]	0.031	"	"	"	"
7-29-08	0843	0.053	75	Clear	CAULK REMOVAL ABC DE	SW WIND
7-29-08	0929	0.092	80	Clear Humid	"	
7-29-08	0930	0.053	"	"	"	RESAMPLE DUE TO ELEVATED 0929 READINGS.
7-29-08	1035	0.040	"	"	"	
7-29-08	1146	0.035	"	"	"	SHIFTING WIND
7-29-08	1425	0.024	"	"	"	INC. SW WIND

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale PCB Remediation Project

Streetside ABC/DE Buildings - Background

Date	Time	Dust Level mg/M^3	Temperature °F	Weather Conditions	Current Site Activity	NOTES
7-29-08	3^{30}	0.031	80°	Clear	Caulk Removal ABC DE	
7-30-08	10:05	0.019	80°	clear	Caulk Removal ABC DE	NW Wind
7-30-08	14:45	0.015	85°	Clear Humid	Caulking Removal — Epoxy Spray —	ABCDE HJK
7-31-08	~~0915~~ 0931	0.130	80°	Overcast Haze Humid	Caulking Removal ABC DE	Instrument Re-zeroed based on observation readings
7-31-08	0922	0.136	"	"	"	Suspect Haze and Humidity. Readings Work in Trailer.
Readings Higher Than Normal. Do Not Decrease With Distance From Work Area. Elevated Readings Due To Weather Conditions. Wind From SW						
7-31-08	1023	0.137	"	"	"	Inc. SW Wind
7/31/08	1130	0.099	85°F	Cloudy	Caulk removal Epoxy Spray	Sw Wind
7-31-08	1345	0.093	85°F	Cloudy	Caulk removal	Sw Wind
7-31-08	1445	0.074	85°F	Cloudy	Caulk removal	Sw Wind
7-31-08	15^{50}	0.071	85°	"	"	"
8-1-08	08:45	0.043	75°	P. Cloudy Humid	Caulk Removal Epoxy Coating/Spray	W-NW Wind 8mph
8-1-08	10:30	0.037	78°	P. Cloudy	Caulk Removal Epoxy Spray	N-NW Wind 5 mph
8-1-08	12:55	0.065	75	M. Cloudy Humid	Caulk Removal Epoxy Spray	ESE Wind at 10 MPH

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale PCB Remediation Project

Courtyard Side HJK - Background

Date	Time	Dust Level mg/M³	Temperature °F	Weather Conditions	Current Site Activity	NOTES
8/20/08	1501	0.010	80°	Clear 65F & Humid	Caulk Removal HJK CY SIDE	SW Wind
8/20/08	1554	0.013	80°	"	"	"
8-21-08	0928	0.016	80°	Clear	Caulk Removal HJK Courtyard side	SE Wind
8-21-08	1031	0.003	"	"	"	"
8-21-08	1143	0.009	"	"	"	"
8-21-08	243	0.031	85°	Clear	Caulk Removal HJK Courtyard	SE Wind
8-21-08	347	0.030	"	"	"	"
8-22-08	943	0.020	80°	clear	Caulk Removal HJK Courtyard	NW wind
8-22-08	1031	0.019	"	"	"	"
8-22-08	137	0.020	"	"	"	"
8-22-08	307	0.021	"	"	"	"
8-22-08	357	0.020	"	"	"	"
8-26-08	0905	0.005	70°F	Clear	Caulk Removal HJK Courtyard	NE Wind
8-26-08	1050	0.009	80°F	"	"	Gusty Wind
8-26-08	1354	0.014	"	"	"	"
8-27-08	919	0.012	70°F	clear	caulk Removal HJK courtyard	SW wind
8-27-08	1031	0.006	"	"	"	"
8-27-08	1138	0.016	"	"	"	"
8-28-08	0904	0.011	70°F	Clear	Caulk Removal HJK courtyard	E. Wind
8-28-08	1117	0.024	80°F	"	"	Inc. E. Wind
8-28-08	1407	0.016	"	"	"	SE Wind

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale PCB Remediation Project

Courtyard Side HJK - Background

Date	Time	Dust Level mg/M³	Temperature °F	Weather Conditions	Current Site Activity	NOTES
8-28-08	1335	0.011	80°F	Clear	Caulk Removal HJK Courtyard	NW wind
8-29-08	934	0.019	75°F	clear	Caulk Removal HJK Courtyard	NW wind
8-29-08	1109	0.046	85°	Clear	"	Inc. Humid. ↑
8-29-08	1210	0.029	85°	"	"	
8-29-08	1430	0.024	"	"	"	"
9-02-08	943	0.009	75°	clear	Caulk Removal HJK Courtyard	Inc. Humidity SW wind
9-02-08	1056	0.020	85°	"	"	Inc. Humid. ↑
9-02-08	1219	0.013	"	"	"	Inc. E. Wind
9-02-08	1420	0.016	"	"	"	"
9-02-08	1543	0.008	"	"	"	"
9-3-08	0955	0.024	80°	clear	Caulk Removal HJK Courtside	SE Wind
9-3-08	1048	0.014	"	"	"	"
9-3-08	1400	0.016	"	"	"	"
9-3-08	1529	0.015	"	"	"	"

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale PCB Remediation Project

Courtyard Side ~~HJK~~ FG - Background

Date	Time	Dust Level mg/M³	Temperature °F	Weather Conditions	Current Site Activity	NOTES
9-4-08	14¹⁸	0.040	85	clear	Caulk Removal FG Courtyard	Inc. Humidity SW wind
9-4-08	3⁵² pm	0.033	"	"	"	"
9-5-08	9³⁵	0.096	85	clear	"	Inc. Humidity SW wind
9-5-08	10⁵⁴	.084	"	"	"	"
7-5-02	1225	0.091	"	"	"	LIGHT WIND HIGH HUMIDITY
9-5-08	2³²	0.057	"	"	"	"
9-5-08	15³⁰	0.056	"	"	"	"
9-8-08	09⁴¹	0.010	70	clear	Caulk Removal FG Courtyard	SE Wind w/Gusts
9-8-08	10³⁷	0.011	70	clear	Caulk Removal FG Courtyard	SE Wind
9-8-08	11³⁰	0.008	"	"	"	"
9-8-08	1⁵¹	0.011	"	"	"	"
9-8-08	2⁵⁵	0.009	"	"	"	"
9-9-08	10⁰⁰	.052	80°	overcast Muggy	Caulk Removal FG Courtyard	Inc Humidity NW wind
9-9-08	11⁴⁴	.057	80°	overcast	Caulk Removal FG Courtyard	Inc Humidity NW wind
9-10-08	09⁴⁵	.003	75	clear	Caulk Removal FG Courtyard	SE Wind
9-10-08	11⁴³	.006	75°	clear	Caulk Removal FG Courtyard	SE Wind
9-10-08	1⁴⁰	.003	75°	clear	Caulk Removal FG Courtyard	SE Wind
9-10-08	3⁰⁰	.008	75°	clear	Caulk removal FG Courtyard	SE Wind
9-11-08	9⁴²	.012	70°	clear	Caulk Removal FG Courtyard	NW wind
9-11-08	10⁴⁵	.002	70°	clear	Caulk Removal FG Courtyard	NW wind
9-11-08	3³⁰	.004	"	"	"	"

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale PCB Remediation Project

DE

Courtyard Side [redacted] - Background

Date	Time	Dust Level mg/M³	Temperature °F	Weather Conditions	Current Site Activity	NOTES
9-12-08	10⁴²	.013	70°	overcast	Caulk Removal DE Courtyard	NE Wind
9-12-08	11³²	.016	"	"	"	"
9-12-08	1⁵⁵	.011	"	"	"	"
9-15-08	9³⁰	.010	80°	clear	Caulk Removal DE Courtyard	Strong SE Wind
9-15-08	10²⁸	.013	"	"	"	"
9-15-08	11³⁴	.016	"	"	"	"
9-15-08	1409	0.004	80°	clear	Caulk Removal DE Courtyard	Strong SE Wind
9-15-08	15²⁷	0.014	"	"	"	"
9-16-08	9³²	0.015	70°	clear	Caulk Removal DE Courtyard	
9-16-08	10⁴¹	.015	"	"	"	"
9-16-08	11³⁰	.017	"	"	"	"
9-16-08	1⁰⁸	.014	"	"	"	"
9-16-08	3¹²	.012	"	"	"	"
9-16-08	4³³	.012	"	"	"	"
9-17-08	9⁴⁵	.007	70°	clear	Caulk Removal DE Courtyard	SE Wind
9-17-08	10⁴¹	.009	"	"	"	"
9-17-08	11³⁰	.008	"	"	"	"
9-18-08	10⁰⁰	.013	70°	clear	Caulk Removal ABC Courtyard	SE Wind
9-18-08	11¹⁰	.011	"	"	"	"
9-19-08	1040	0.008	70°	Clear	Caulk Removal ABC Courtyard	Strong Wind
9-19-08	1140	0.013	"	"	"	"

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale PCB Remediation Project

Courtyard Side ~~HJK~~ ABC - Background

Date	Time	Dust Level mg/M³	Temperature °F	Weather Conditions	Current Site Activity	NOTES
9-19-08	1407	0.008	70	Clear	Caulk Removal ABC Courtyard	
9-19-08	1515	0.008	"	"	"	
9-22-08	955	0.007	65	overcast	Caulk Removal ABC Courtyard	SE Wind
9-22-08	1116	0.010	"	"	"	"
9-22-08	105	0.008	"	"	"	"
9-22-08	245	0.005	"	"	"	"
9-23-08	1001	0.006	70	Clear	Caulk Removal ABC Courtyard	
9-23-08	1102	0.023	70	"	"	Moderate E. Wind
9-24-08	1014	0.017	70	Clear	Caulk Removal ABC Courtyard	Slight E. Wind

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale PCB Remediation Project

Streetside HJK/FG Buildings - Location 1

Date	Time	Dust Level mg/M^3	Temperature °F	Weather Conditions	Current Site Activity	NOTES
7/7/08	1057	0.062	85	Clear Humid	Mobilization and Set UP	Represents non-working conditions
7/8/08	0937	0.082	85	Clear Humid	Set UP	
7/8/08	1131	0.080	90	"	Caulking Removal HJK(S.S)	SW Wind
7/8/08	1356	0.055	90	"	"	Inc. Wind
7/8/08	1507	0.050	90	"	"	
7/7/08	0902	0.090	90	"	Caulkings Removal Set UP	SW Wind
7/9/08	1010	0.088	"	"	Caulkings Removal HJK FG	
7/9/08	1117	0.086	"	"	"	
7/9/08	1208	0.068	"	"	"	
7/9/08	1426	0.056	"	"	"	
7/9/08	1531	0.058	"	"	"	
7/10/08	0854	0.014	80	Clear	Set UP	Humidity lower than previous days W. Wind
7/10/08	1010	0.028	80	Clear	Caulking Removal HJK FG	Inc. Humidity Inc Wind
7/10/08	1105	0.008	"	"	"	"
7/10/08	1338	0.013	85	"	"	
7/10/08	1423	0.009	"	"	"	"
7/10/08	1535	0.008	80	"	"	"
7-11-08	0933	.014	80°	clear	Caulking removal HJK FG	NW Wind
7-11-08	1035	.021	80	"	"	"
7-11-08	1134	.027	85	"	"	"
7-11-08	1336	.025	85	"	"	"

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale PCB Remediation Project

Streetside HJK/FG Buildings - Location 1

Date	Time	Dust Level mg/M³	Temperature °F	Weather Conditions	Current Site Activity	NOTES
7-11-08	1434	.025	85	Clear	Caulking Removal HJK FG	NW Wind
7-11-08	1533	.015	80	"	"	"
7/14/08	0953	0.016	75	Showers	Caulking Removal HJK FG	
7/14/08	1055	0.011	80	Partly Sunny	"	SW Wind
7/14/08	1422	0.025	85	"	"	Inc. Humidity Lawn Mowing
7-14-08	1535	0-013	85	"	"	"
7/15/08	0900	0.021	80	Clear	Caulking Removal HJK FG	
7/15/08	1058	0.023	85	"	"	Inc. Humidity
7/15/08	1209	0.019	85	"	"	SW Wind
7-15-08	234	0.024	85	"	"	"
7-15-08	344	.028	85	"	"	"
7-16-08	0956	0.017	85	Clear	Caulking Removal HJK FG	
7-16-08	1119	0.017	85	"	"	Inc Humidity
7-16-08	1214	0.015	"	"	"	
7-16-08	1401	0.015	"	"	"	
7-16-08	3:37	0.014	"	"	"	
7-17-08	9:31	0.050	85	clear	Caulking Removal HJK FG	Inc. Humidity SW wind
7-17-08	11:36	0.042	"	"	"	"
7-17-08	13:54	0.043	85	Clear Humid	Caulking Removal	
7-17-08	14:56	0.030	"	"	"	

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale PCB Remediation Project

Streetside HJK/FG Buildings - Location 1

Date	Time	Dust Level mg/M^3	Temperature °F	Weather Conditions	Current Site Activity	NOTES
7/17/08	15:56	0.031	85	Cloudy/ Humid	Caulking Removal	
7-18-08	0954	0.047	85	Clear Humid	Caulking Removal HJK FG	
7-18-08	1113	0.041	90	"	"	
7-18-08	1204	0.048	"	"	"	Inc. SW Wind
1400	SAMPLE	NOT PERFORMED				
7-18-08	1503	0.043	"	"	"	Inc. SW Wind
7-21-08	0908	0.067	85°	overcast Humid	" "	NE Wind
7-21-08	1049	.031	"	"	"	"
7-21-08	1225	.007	"	"	"	"
7-21-08	1348	.017	"	"	"	"
7-21-08	1457	.025	"	"	"	"
7-22-08	0918	0.022	75	Overcast windy	Caulking Removal HJK FG Set up ABC DE	Strong NE Wind
7-22-08	1032	0.033	"	"	"	"
7-22-08	1140	0.030	80	Clear	"	Dec. Wind
7-22-08	1350	0.017	80	"	"	"
7-22-08	1503	0.015	"	"	"	"
7-23-08	0959	0.018	75	Overcast Rain	Surface Prep HJK Caulk Removal FG Set up ABC DE	SW Wind Inc

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale PCB Remediation Project

Streetside HJK/FG Buildings - Location 2

Date	Time	Dust Level mg/M^3	Temperature °F	Weather Conditions	Current Site Activity	NOTES
7/7/08	1059	0.070	85	Clear Humid	Mobilization and Set Up	Represents non-working conditions
CONSTRUCTION	WORK	ALONG	VASSAR	STREET		
7/8/08	0940	0.084	85	Clear Humid	Set Up	Jack hammer on Vassar St.
7/8/08	1134	0.085	90	"	Caulking Removal HJK (S.S.)	
7/8/08	1358	0.084	90	"	"	Incr. Wind
7/8/08	1509	0.077	90	"	"	
7/9/08	0904	0.090	90	"	Caulking Removal Set Up	WSW Wind Construction Vassar
7/9/08	1012	0.097	"	"	Caulking Removal HJK FG	" "
7/9/08	1119	0.106	"	"	"	Loading Truck from Vassar St. Excavation. Diesel Odor
7/9/08	1210	0.056	"	"	"	Const. on Vassar is stopped.
7/9/08	1428	0.055	"	"	"	
7/9/08	1533	0.053	"	"	"	
7/10/08	09001	0.013	80	Clear	Set Up	Less Humid than previous days W Wind
7/10/08	1012	0.028	90	Clear	Caulking Removal HJK FG	Incr Humidity. NW Wind. Construction on Vassar.
7/10/08	1103	0.09	"	"	"	"
7/10/08	1341	0.013	85	"	"	W. Wind
7/10/08	1425	0.008	"	"	"	"
7/10/08	1537	0.004	80	"	"	"
7-11-08	0939	.017	80°	Clear	Caulking Removal HJK FG	NW Wind
7-11-08	1040	.024	80	"	"	"
7-11-08	1138	.020	85	"	"	"

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale PCB Remediation Project

Streetside HJK/FG Buildings - Location 2

Date	Time	Dust Level mg/M^3	Temperature °F	Weather Conditions	Current Site Activity	NOTES
7-11-08	1340	.026	85	Clear	Caulking Removal HJK FG	NW Wind
7-11-08	1443	.031	85	"	"	"
7-11-08	1541	.022	80	"	"	"
7/14/08	0955	0.016	75	Showers	Caulking Removal HJK FG	
7/14/08	1058	0.053	80	Partly Sunny	" "	Active Excavation on Vasser St.
7/14/08	1424	0.024	85	"	"	Inc. Humidity Exc. on Vasser St.
7-14-08	1540	.073	85	"	"	"
7/15/08	0904	0.020	80	Clear	Caulking Removal HJK FG	Active Construction on Vasser St.
7/15/08	1102	0.032	85	"	"	"
7/15/08	1211	0.05	"	"	"	W. Wind
7-15-08	2:38	.131	"	"	"	Road work on Vasser NW wind
7-15-08	3:49	.036	"	"	"	"
7-16-08	1000	0.025	85	Clear	Caulking Removal HJK FG	Roadwork on Vasser St.
7-16-08	1123	0.016	"	"	"	"
7-16-08	1215	0.016	"	"	"	Roadwork Stopped Inc. Humidity
7-16-08	1403	0.040	"	"	"	E. Wind. Const. on Vasser. Trucks in Area
7-16-08	3:38	0.025	"	"	"	
7-17-08	9:35	0.036	85	clear	Caulking Removal HJK FG	Inc. Humidity SW Wind
7-17-08	11:39	0.053	"	"	"	"
7-17-08	13:55	0.043	85	clear Humid	Caulking Removal	McCourt working adjacent to fence
7-17-08	14:57	0.035	"	"	"	"

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale PCB Remediation Project

Streetside HJK/FG Buildings - Location 2

Date	Time	Dust Level mg/M^3	Temperature °F	Weather Conditions	Current Site Activity	NOTES
7/17/08	15:57	0.033	85	Cloudy/ Humid	Caulking Removal	
7-18-08	0956	0.044	85	Clear Humid	Caulking Removal HJK FG	
7-18-08	1114	0.048	90	"	"	Construction on Vassar St
7-18-08	1206	0.033	"	"	"	Const. on Vassar Secured
1400	SAMPLE	NOT PUMPING				
7-18-08 AS GOT	1505	0.053	"	"	"	Inc. W. Wind TRUCKING off VASSAR
7-21-08	0912	.072	85°	overcast Humid	"	NE Wind Trucking on Vassar
7-21-08	1053	.014	"	"	"	"
7-21-08	1229	.015	"	"	"	"
7-21-08	1353	.028	"	"	"	"
7-21-08	1502	.018	"	"	"	"
7-22-08	0920	0.018	75	Overcast windy	Caulking Removal HJK FG Set Up ABC DE	Strong NE Wind Const on Vassar
7-22-08	1035	0.036	"	"	"	"
7-22-08	1142	0.033	80	Clear	"	Dec. Wind
7-22-08	1354	0.015	"	"	"	Const. on Vassar Inc. wind
7-22-08	1502	0.014	"	"	"	"
7-23-08	1004	0.015	75	Overcast Rain	Surface Prep HJK Caulk Removal FG Set up ABC DE	Inc SW Wind

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale PCB Remediation Project

Streetside HJK/FG Buildings - Location 3

Date	Time	Dust Level mg/M³	Temperature °F	Weather Conditions	Current Site Activity	NOTES
7/7/08	1104	0.074	85	Clear Humid	Mobilization and Set UP	Represents non-working conditions
CONSTRUCTION WORK ALONG VASSAR STREET						
7/8/08	0943	0.069	85	Clear Humid	Set UP	Construction on Vassar St. Peak 0.104
7/8/08	1136	0.071	90	"	Caulking Removal HJK (S.S.)	Lawn Mowing in Area of DE
7/8/08	1401	c.067 ~~0.077~~ DUP	90	"	"	Inc. Wind. Exc 20 ft from Point
7/8/08	1503	0.097	90	"	"	Fill Compaction 20 ft from Point
7/9/08	0907	0.077	90	"	Caulking Removal Set UP	W Wind Construction on Vassar
7/9/08	1020	0.086	"	"	Caulking Removal HJK FG	Construction on Vassar (Excavation)
7/9/08	1124	0.099	"	"	"	" Wind From West
7/9/08	1212	0.079	"	"	"	Construction on Vassar has stopped
7/9/08	1432	0.081	"	"	"	
7/9/08	1535	0.058	"	"	"	
7/9/08 DUP 10	0856	0.016	80	Clear	Set UP	Less Humidity than previous days W Wind
7/10/08 DUP 10	1004	0.018	80	Clear	Caulking Removal HJK FG	Inc. Humidity NW Wind. Const. of Vassar
7/10/08	1101	0.013	"	"	"	"
7/10/08	~~1443~~ DUP 1343	0.004	85	"	"	NW Wind
7/10/08	1427	0.03	"	"	"	"
7/10/08	1540	0.007	80	"	"	"
7-11-08	0943	.024	80	clear	Caulking Removal HJK FG	NW wind
7-11-08	1045	.029	80	"	"	"
7-11-08	1146	.037	85	"	"	"

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale PCB Remediation Project

Streetside HJK/FG Buildings - Location 3

Date	Time	Dust Level mg/M^3	Temperature °F	Weather Conditions	Current Site Activity	NOTES
7-11-08	1346	.074	85	clear	Caulking Removal HJK FG	Road work/Paving Vassar Street
7-11-08	1447	.054	85	clear	"	Road Work NW wind Vassar street
7-11-08	1544	.020	80	"	"	Road Work ended For the Day
7/14/08	0959	0.020	75	Showers	Caulking Removal HJK FG	
7/14/08	1102	0.021	80	Partly Sunny	" "	Active Excavation on Vassar St.
7/14/08	1427	0.020	85	"	"	Inc. Humidity
7-14-08	1544	.067	85	"	"	"
7/15/08	0915	0.031	80	Clear	Caulking Removal HJK FG	Active Construction on Vassar St.
7/15/08	1104	0.032	85	"	"	"
7/15/08	1213	0.019	"	"	"	W Wind
7-15-08	243	.100	"	"	"	Construction on Vassar street
7-15-08	353	.040	"	"	"	"
7-16-08	1002	0.011	~~Clear~~ 85	Clear	Caulking Removal HJK FG	Construction on Vassar St.
7-16-08	1128	0.021	"	"	"	"
7-16-08	1218	0023	"	"	"	Construction Stopped Inc Humidity
7-16-08	1412	0.028	"	"	"	Construction on Vasser HVY Truck TRAFFIC
7-16-08	342	0.032	"	"	"	
7-17-08	9:38	0.034	85	Clear	Caulking Removal HJK FG	Inc. Humidity SW wind
7-17-08	11:43	0.042	"	"	"	"
7-17-08	13:57	0.071	85	Clear Humid	Caulking Removal	McCourt is working adjacent to fence
7-17-08	14:58	0.052	"	"	"	"

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale PCB Remediation Project

Streetside HJK/FG Buildings - Location 3

Date	Time	Dust Level mg/M^3	Temperature °F	Weather Conditions	Current Site Activity	NOTES
7/17/08	15:58	0.063	85	Cloudy/ Humid	Caulking Removal	
7-18-08	0959	0.040	85	Clear Humid	Caulking Removal HJK FG	
7-18-08	1118	0.080	90	"	"	Trenching on Vassar Streets
7-18-08	1208	0.060	"	"	"	Trenching on Vassar Secured
1400	SAMPLE NOT PERFORMED					
7-18-08	1507	0.063	"	"	"	Inc. W. Wind
7-21-08	0917	.064	85°	Overcast Humid	Caulking Removal FG HJK	NE Wind Trenching on Vassar
7-21-08	1057	.014	85	"	"	"
7-21-08	1235	.040	"	"	"	"
7-21-08	1357	.018	"	"	"	"
7-21-08	1506	.024	85	Humid	"	"
7-22-08	0923	0.027	75	Overcast Windy	Caulking Removal HJK FG Set UP ABC DE	Strong NE Wind Const. on Vasser
7-22-08	1039	.063	"	"	"	NE Wind Construction at Vasser
7-22-08	1146	0.028	80	Clear	"	Dec Wind
7-22-08	1358	0.032	80	"	"	"
7-22-08	1510	.056	"	"	"	"
7-23-08	1007	.020	75	overcast light shower	Surface Prep HJK Caulk removal FK Setup ABC DE	SW Wind Vassar St Construction

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale PCB Remediation Project

Streetside HJK/FG Buildings - Location 4

Date	Time	Dust Level mg/M^3	Temperature °F	Weather Conditions	Current Site Activity	NOTES
7/7/08	1106	0.057	85	Clear Humid	Mobilization and Set Up	Represents normal working Conditions
7/8/08	0945	0.064	85	Clear Humid	Set Up	
7/8/08	1140	0.063	90	"	Caulking Removal (S.S.) HJK	
7/8/08	1403	~~0.067~~ COF 0.076	90	"	"	~~Excavation 20ft from Point~~
7/8/08	1506	0.066	90	"	"	
7/9/08	0908	0.088	90	"	Caulking Removal Set Up	
7/9/08	1016	0.070	"	"	Caulking Removal HJK FG	
7/9/08	1122	0.067	"	"	"	
7/9/08	1214	0.070	"	"	"	
7/9/08	1433	0.060	"	"	"	
7/9/08	1537	0.053	"	"	"	
7/10/08	0858	0.014	80	Clear	Set Up	Less Humid than previous days W Wind
7/10/08	1007	0.013	80	Clear	Caulking Removal HJK FG	Inc. Humidity. Inc. Wind
7/10/08	1059	0.012	80	"	"	"
7/10/08	1345	0.004	85	"	"	
7/10/08	1430	0.005	"	"	"	"
7/10/08	1542	0.020	80	"	"	"
7-11-08	0948	.032	80	clear	HJK FG Caulking Removed	NW Wind
7-11-08	1050	.014	80	"	"	"
7-11-08	1148	.018	85	"	"	"
7-11-08	1350	.029	85	"	"	"

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale PCB Remediation Project

Streetside HJK/FG Buildings - Location 4

Date	Time	Dust Level mg/M^3	Temperature °F	Weather Conditions	Current Site Activity	NOTES
7-11-08	1452	.033	85	clear	Caulking Removal HJK/FG	NW Wind
7-11-08	1550	.016	80	"	"	"
7/14/08	1000	0.020	75	Showers	Caulking Removal HJK FG	
7/14/08	1103	0.019	80	Partly Sunny	"	
7/14/08	1427	0.017	85	"	"	Inc. Humidity
7-14-08	1547	.023	85	"	"	"
7/15/08	0912	0.016	80	Clear	Caulking Removal HJK FG	
7/15/08	1112	0.020	85	"	"	
7/15/08	1214	0.018	"	"	"	SW Wind
7-15-08	247	.08	"	"	"	"
7-15-08	401	.042	85	"	"	"
7/15-08	1005	0.018	85	Clear	Caulking Removal HJK FG	
7-16-08	1132	0.036	85	Clear	Caulking Removal HJK FG	Inc Humidity
7-16-08	1220	0.020	"	"	"	
7-16-08	1414	0.019	"	"	"	
7-16-08	347	0.025	"	"	"	
7-17-08	9:43	0.037	85	clear	Caulking Removal HJK FG	Inc. Humidity SW wind
7-17-08	1146	0.050	"	"	"	"
7-17-08	13:58	0.038	85	Clear	Caulking Removal	
7-17-08	14:59	0.041	"	"	"	

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale PCB Remediation Project

Streetside HJK/FG Buildings - Location 4

Date	Time	Dust Level mg/M^3	Temperature °F	Weather Conditions	Current Site Activity	NOTES
7/17/08	15:54	0.032	85	Cloudy/ Humid	Caulking Removal	
7-18-08	1602	0.048	85	Clear Humid	Caulking Removal HJK FG	
7-18-08	1120	0.040	90	"	"	
7-18-08	1210	0.036	—	"	"	
1400	SAMPLE	PUT PUMP	FOR MOD			
7-18-08	1509	0.040	"	"	"	
7-19-08	0921	.069	85	overcast Humid	Caulking Removal FG HJK	NE Wind increasing Humidity
7-19-08	1103	.016	"	"	"	"
7-21-08	1239	.016	"	"	"	"
7-21-08	1401	.032	"	"	"	"
7-21-08	1571	.031	"	"	"	"
7-22-08	0725	0.027	75	Overcast Windy	Caulking Removal HJK FG Set up ABC DE	Strong NE Wind
7-22-08	1043	.022	"	"	"	"
7-22-08	1147	0.020	80	Clear	—	Dec. Wind
7-22-08	1400	0.016	"	"	"	
7-22-08	1513	0.012	"	"	"	"
7-23-08	1010	.025	75	overcast showers light	Caulk Removal FG Surface Prep HJK Set up ABC DE	SW Wind

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale PCB Remediation Project

Courtyard Side HJK Building - Location ~~10~~ GSF 4

Date	Time	Dust Level mg/M³	Temperature °F	Weather Conditions	Current Site Activity	NOTES
8/20/08	1510	0.006	80°	Clear ~~Humidity~~	Caulk Removal HJK CY SIDE	Gusting to wind
8/20/08	1557	0.020	"	"	"	"
8-21-08	0937	0.015	80°	Clear	Caulk Removal HJK Courtyard side	SE Wind
8-21-08	1039	0.010	"	"	"	"
8-21-08	1150	0.011	"	"	"	"
8-21-08	248	0.007	80°	Clear	Caulk Removal HJK Courtyard side	SE Wind
8-21-08	354	0.014	"	"	"	"
8-22-08	950	0.013				NW wind
8-22-08	1040	0.016				
8-22-08	145	0.017				
8-22-08	313	0.017	"	"	"	"
8-22-08	402	0.025	"	"	"	"
8-26-08	0904	0.012	70°	Clear	Caulk Removal HJK Courtyard	Gusting Wind
8-26-08	1055	0.009	80°	"	"	"
8-26-08	1302	0.010	"	"	"	"
8-27-08	925	0.018	70°F	Clear	Caulk Removal HJK Courtyard	SE Wind
8-27-08	1036	0.006	"	"	"	"
8-27-08	1143	0.009	"	"	"	"
8-28-08	0912	0.023	70°	Clear	Caulk Removal HJK Courtyard	SE Wind. Support Floor Due to Vassar St
8-28-08	1141	0.014	80°	"	"	Construction at E end of FG.
8-28-08	1412	0.011	80°	"	"	SE wind

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale PCB Remediation Project

Courtyard Side HJK Building - Location ~~10~~ 4

Date	Time	Dust Level mg/M³	Temperature °F	Weather Conditions	Current Site Activity	NOTES
8-28-08	3⁴²	0.013	80°F	clear	Caulk Removal HJK Courtyard	NW wind
8-29-08	9⁴¹	0.025	75°F	clear	Caulk Removal HJK Courtyard	NW wind
8-29-08	1116	0.022	85°F	--	--	Inc. Humidity
8-29-08	1214	0.030	"	"	"	
8-29-08	14³⁵	0.036	"	"	"	"
9-2-08	9⁴⁹	0.023	75°F	clear	Caulk Removal HJK Courtyard	Inc. Humidity SW wind
9-2-08	1100	0.010	80°F	"	"	INC. Humidity
9-2-08	1222	0.012	"	"	"	INC. Wind
9-2-08	1344	0.012	"	"	"	Gusting Wind
9-2-08	15⁴⁸	0.010	"	"	"	"
9-3-08	1005	0.052	80°	Clear	Caulk Removal HJK Courtyard	SE Wind Lifts running
9-3-08	10⁵³	0.014	"	"	"	"
9-3-08	14⁰⁵	0.015	"	"	"	"
9-3-08	15³⁵	0.017	"	"	"	"

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale PCB Remediation Project

Courtyard Side ~~HJK~~ FG Building - Location ~~9~~ 4

Date	Time	Dust Level mg/M³	Temperature °F	Weather Conditions	Current Site Activity	NOTES
9-4-08	2:12 pm	0.056	85°F	Clear 85°F	Caulk Removal FG Courtyard	Inc. Humidity SW Wind
9-4-08	3:46 pm	0.036	85°	clear	"	"
9-5-08	9:29	1078 ~~.046~~	85°	clear	"	Inc Humidity SW wind
9-5-08	10:57	.077	"	"	"	"
9-5-08	1219	0089	"	"	"	Low Wind High Humidity
9-5-08	14:35	0.084	"	"	"	"
9-5-08	15:34	0.048	"	"	"	"
9-8-08	09:35	0.015	70°	clear	Caulk Removal FG Courtyard	SE Wind
9-8-08	10:35	0.013	70°	clear	Caulk Removal FG Courtyard	SE Wind
9-8-08	11:34	0.014	"	"	"	"
9-8-08	1:44	0.014	"	"	"	"
9-8-08	2:55	0.011	"	"	"	"
9-9-08	9:57	0.052	80°	overcast	Caulk Removal FG Courtyard	NW Wind
9-9-08	1:50	0.045	80°	overcast	Caulk Removal FG Courtyard	NW Wind
9-10-08	09:48	0.017	75°	clear	Caulk removal FG Courtyard	SE Wind
9-10-08	11:47	0.015	75°	clear	Caulk Removal Courtyard FG	SE Wind
9-10-08	1:43	0.013	75°	clear	Caulk removal FG Courtyard	SE Wind
9-10-08	3:05	0.010	75°	clear	Caulk Removal FG Courtyard	SE Wind
9-11-08	9:45	0.014	70°	clear	Caulk Removal FG Courtyard	NW Wind
9-11-08	16:48	.040	70	clear	Caulk Removal FG Courtyard	NW Wind
9-11-08	3:34	.023	70°	"	"	"

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale PCB Remediation Project

Streetside ABC/DE Buildings - Location # 5

Date	Time	Dust Level mg/M³	Temperature °F	Weather Conditions	Current Site Activity	NOTES
7-24-08	0917	0.036	75°	overcast Rain showers	Active Caulk Removal ABC DE	NE Wind High Humidity
7-24-08	1022	0.031	"	"	"	"
7-24-08	1112	0.019	"	"	"	Strong NE Wind High Humidity
7-25-08	0934	0.036	80	Clear Humid	CAULK REMOVAL ABC DE	
7-25-08	1048	0.022	"	"	"	
7-25-08	1140	0.018	"	"	"	Inc. W. Wind
7-25-08	1406	0.035	"	"	"	
7-25-08	1512	0.034	"	"	"	
7-28-08	859	.043	85	Clear Humid	Caulk Removal ABC DE	NE wind
7-28-08	1129	.035	"	"	"	"
7-28-08	123	.037	"	"	"	"
7-28-08	232	0.029	"	"	"	"
7-28-08	343	0.032	"	"	"	"
7-29-08	0845	0.050	75	Clear	Active Caulk Removal ABC DE	SW Wind
7-29-08	0933	0.048	80	Clear Humid	"	
7-29-08	1037	0.048	"	"	"	
7-29-08	1149	0.036	"	"	"	SHIFTING WIND
7-29-08	1427	0.028	"	"	"	Inc. SW Wind

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale PCB Remediation Project

Streetside ABC/DE Buildings - Location 5

Date	Time	Dust Level mg/M³	Temperature °F	Weather Conditions	Current Site Activity	NOTES
7-29-08	334	.021	80	Clear	Caulk Removal ABC DE	
7-30-08	1007	.019	80	Clear	Caulk Removal ABC DE	NW Wind
7-30-08	1500 ~~1500~~	0.010	85	Clear Humid	Caulking Removal — Epoxy Coating	ABCDE HJK
7-31-08	0925	0.122	80	Overcast Humid Hazy	Caulking Removal ABC DE	See Below
Elevated Readings Based on				Weather	Conditions. Readings Do	
Not	Decrease	with	Distance	From	Work Act. Readings Below	
Background.		SW	Wind			
7-31-08	1025	0.107	--	"	--	Inc. SW Wind
7-31-08	1130	0.104	85°F	Cloudy	Caulk removal	Swest wind
7-31-08	1345 ~~1345~~	0.101	85°F	Cloudy	Caulk removal	Swest wind
7-31-08	1445	0.089	85°F	Cloudy	Caulk removal	SW wind
7-31-08	1552	0.065	"	"	"	"
8-1-08	08:45	0.038	75°	Partly Cloudy Humid	Caulk Removal Epoxy Spray	W-NW wind 8 MPH
8-1-08	10:30	0.036	78	P Cloudy	Caulk Removal Epoxy Spray	N-NW wind 5 MPH
8-1-08	1:00p	0.029	75	M Cloudy	Caulking Removal Epoxy spray	E-SE wind 10 MPH

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale PCB Remediation Project

Streetside ABC/DE Buildings - Location 6

Date	Time	Dust Level mg/M^3	Temperature °F	Weather Conditions	Current Site Activity	NOTES
7-24-08	0921	0.039	75	overcast Rain showers	Active Caulk Removal ABC DE	NE Wind High Humidity
7-24-08	1025	0.033	"	"	"	"
7-24-08	1115	0.021	"	"	"	Strong NE Wind Humid
7-25-08	0936	0.034	80	Clear Humid	CAULK REMOVAL ABC DE	
7-25-08	1049	0.029	"	"	"	
7-25-08	1138	0.022	"	"	"	
7-25-08	1408	0.035	"	"	"	
7-25-08	152	0.23	"	"	"	
7-28-08	952	0.035	85	Clear Humid	Caulk Removal ABC DE	NE Wind
7-28-08	1132	.037	"	"	"	"
7-28-08	127	0.030	"	"	"	"
7-28-08	240	0.034	"	"	"	"
7-28-08	342	0.031	"	"	"	"
7-29-08	0848	0.052	75	Clear	CAULK REMOVAL ABC DE	SW WIND
7-29-08	0936	0.043	80	Clear Humid	"	WIND ALTERNATING DIRECTION
7-29-08	1040	0.040	"	"	"	"
7-29-08	1151	0.038	"	"	"	"
7-29-08	1429	0.029	"	"	"	INC SW WIND

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale PCB Remediation Project

Streetside ABC/DE Buildings - Location 6

Date	Time	Dust Level mg/M^3	Temperature °F	Weather Conditions	Current Site Activity	NOTES
7-29-08	3:37	.030	80°	Clear	Caulk Removal ABC DE	
7-30-08	10:09	.008	80°	Clear	Caulk Removal ABC DE	
7-30-08	15:05	0.019	85	Humid Clear	Caulk Removal ABC DE Epoxy Coating HJK	McCourt working on sidewalks
7-31-08	0930	0.129	80	Overcast Humid Hazy	Caulking Removal ABC DE	SEE BELOW
ELEVATED	READINGS	BASED	ON	WEATHER	CONDITIONS.	READINGS DO NOT
CHANGE	ALONG	WORK	ZONE.	READINGS	BELOW	BACKGROUND.
EXCAVATION	WORK	ON	VASSAR	STREET.		
7-31-08	1027	0.130	"	"	"	INC. WIND
7-31-08	11:30	0.100	85°F	cloudy	caulk removal	Road Construction
7-31-08	1345 ~~1445~~	0.074	85°F	cloudy	caulk removal	road traffic, Road construction.
7-31-08	1445	0.063	85°F	cloudy	caulk removal	road construction street traffic.
7-31-08	15:55	0.069	"	"	"	"
8-1-08	08:45	0.042	75°	P. Cloudy Humid	Caulk removal Epoxy spray	W-NW wind 8 mph
8-1-08	10:30	0.043	78	P. Cloudy	Caulk Removal Epoxy Spray	N-NW wind 5 mph
8-1-08	1:00p	0.029	75	M. Cloudy	Caulk Removal Epoxy spray	E-SE wind 10 MPH

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale PCB Remediation Project

Courtyard Side DE Building - Location 6

Date	Time	Dust Level mg/M³	Temperature °F	Weather Conditions	Current Site Activity	NOTES
9-12-08	10^38	.027	70°	overcast	Caulk Removal DE Courtyard	NE Wind
9-12-08	11^43	.031	"	"	"	"
9-12-08	2^08	.008	"	"	"	"
9-15-08	9^39	.007	80°	clear	Caulk Removal DE Courtyard	"
9-15-08	10^42	.011	"	"	"	"
9-15-08	11^48	.009	"	"	"	"
9-15-08	1419	0.003	80°	clear	Caulk Removal DE Courtyard	Strong SE Wind
9-15-08						
9-16-08	945	0.015	70°	clear	Caulk Removal DE Courtyard	
9-16-08	10^54	.009	"	"	"	"
9-16-08	11^44	.010	"	"	"	"
9-16-08	1^17	.012	"	"	"	"
9-16-08	3^26	.012	"	"	"	"
9-16-08	4^20	.009	"	"	"	"
9-17-08	9^55	.011	70°	clear	Caulk Removal DE Courtyard	SE Wind
9-17-08	10^51	.014	"	"	"	"
9-17-08	10^39	.012	"	"	"	"

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale PCB Remediation Project

ABC/DE
Streetside [redacted] Buildings - Location # 7

Date	Time	Dust Level mg/M^3	Temperature °F	Weather Conditions	Current Site Activity	NOTES
7-24-08	0924	0.040	75	overcast Rain showers	Active Caulk removal ABC DE	NE Wind High Humidity
7-24-08	1029	0.028	"	"	"	"
7-24-08	1118	0.044	"	"	"	Strong NE Wind Hoping construction on Vassar
7-25-08	0938	0.032	80	Clear Humid	CAULK REMOVAL ABC DE	
7-25-08	1052	0.030	"	"	"	Compaction Unit on Vassar
7-25-08	1132	0.021	"	"	"	"
7-25-08	1409	0.032	"	"	"	
7-25-08	1521	0.025	"	"	"	"
7-28-08	955	0.031	85	Clear Humid	Caulk Removal ABC DE	NE Wind
7-28-08	1135	.042	"	"	"	Construction on Vassar Street
7-28-08	132	0.044	"	"	"	"
7-28-08	244	0.041	"	"	"	"
7-28-08	351	0.046	"	"	"	"
7-29-08	0850	0.053	75	Clear	CAULK REMOVAL ABC DE	W Wind
7-29-08	0938	0.039	80	Clear Humid	"	Alternative Wind Direction
7-29-08	1042	0.035	"	"	"	"
7-29-08	1153	0.043	"	"	"	"
7-29-08	1431	0.033	"	"	"	"

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale PCB Remediation Project

Streetside ABC/DE Buildings - Location 7

Date	Time	Dust Level mg/M^3	Temperature °F	Weather Conditions	Current Site Activity	NOTES
7-29-08	341	.019	80	Clear	Caulk Removal ABC DE	
7-30-08	10"	.006	80°	Clear	Caulk Removal ABC DE	NW wind
7-30-08	15:07	0.015	85	Clear Humid	Caulk Removal ABC/DE Epoxy H.J.K	MCCOURT working in street
7-31-08	0933	0.125	80	Overcast Humid Hazy	Caulk Removal ABC DE	See Below
Elevated Readings Based on Work Activities. Readings Do Not Change Along Work Area & Decreased with Distance. Readings Below Background. Excavation Level on Vassar Street						
7-31-08	1029	0.130	"	"	"	Inc. W. Wind.
7-31-08	1130	~~0.098~~ BD 0.098	85°F	Cloudy	Caulk removal	Street traffic, Road Construction.
7-31-08	1345	0.083	85°F	Cloudy	Caulk removal	Road Construction, Street traffic.
7-31-08	1445	0.079	85°F	cloudy	caulk removal	Road traffic + Construction
7-31-08	1558	0.063	"	"	"	"
8-1-08	08:45	0.042	75°	P. Cloudy Humid	Caulk Removal Epoxy spray	W-NW wind 8 mpH
8-1-08	10:30	0.035	78°	P Cloudy	Caulk Removal Epoxy Spray	N-NW wind 5 mph
8-1-08	1:00p	0.025	75	M. Cloudy	Caulk Removal Epoxy spray	E-SE wind 10 mpH

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale PCB Remediation Project

ABC/DE
Streetside [redacted] Buildings - Location # 8

Date	Time	Dust Level mg/M^3	Temperature °F	Weather Conditions	Current Site Activity	NOTES
7-24-08	0928	0.037	75°	overcast Rain Showers	Active Caulk Removal ABC DE	High Humidity NE Wind
7-24-08	1033	0.033	"	"	"	"
7-2408	1122	0.020	"	"	"	Humid Rainy NE Wind
7-25-08	0940	0.034	80	Clear Humid	Caulk Removal ABC DE	
7-25-08	1050	0.025	"	"	"	
7-25-08	1135	0.020	"	"	"	
7-25-08	1411	0.035	"	"	"	
7-25-08	1523	0.017	"	"	"	
7-28-08	938	0.032	85	Clear Humid	Caulk Removal ABC DE	NE Wind
7-28-08	1138	.032	"	"	"	"
7-28-08	136	.041	"	"	"	"
7-28-08	248	.036	"	"	"	"
7-28-08	356	.038	"	"	"	"
7-29-08	0852	0.054	75	Clear	Active Caulk Removal ABC DE	SW Wind
7-29-08	0941	0.043	80	Clear Humid	"	Alternating Wind Direction
7-29-08	1045	0.040	"	"	"	"
7-29-08	1155	0.038	"	"	"	"
7-29-08	1433	0.029	"	"	"	"

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale PCB Remediation Project

Streetside ABC/DE Buildings - Location 8

Date	Time	Dust Level mg/M³	Temperature °F	Weather Conditions	Current Site Activity	NOTES
7-29-08	3:45	.024	80°	Clear	Caulk Removal ABC DE	
7-30-08	10:13	.008	80°	Clear	Caulk Removal ABC DE	
7-30-08	1:45	0.015	85°	Clear Humid	Caulk Removal (ABCDE) Epoxy spray (HJK)	
7-31-08	0935	0.109	80	Overcast Humid Hazy	Caulk Removal ABC DE	See Below
ELEVATED	READINGS	BASED ON	WEATHER	CONDITIONS.	READINGS DO	
NOT	CHANGE	VIZ	DOE RUN	WITH	DISTANCE FROM	WORK AREA.
READINGS	BELOW	BACKGROUND.				
7-31-08	1031	0.107	"	"	"	
7-31-08	1130	0.090	85°F	cloudy	caulk removal	SW wind
7-31-08	1345	0.070	85°F	cloudy	caulk removal	SW wind
7-31-08	1445	0.075	85°F	cloudy	caulk removal	SW wind
7-31-08	16:00	0.065	"	"	"	"
8-1-08	08:45	0.068	75°	P. Cloudy Humid	Caulk Removal Epoxy spray	W-NW wind 8 MPH
8-1-08	10:30	0044	78°	P Cloudy	Caulk Removal Epoxy Spray	N-NW wind 5 MPH
8-1-08	1:00p	0.038	75	M. Cloudy	Caulk Removal Epoxy Spray	ESE wind 10 MPH

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale PCB Remediation Project

Courtyard Side DE Building - Location #8

Date	Time	Dust Level mg/M³	Temperature °F	Weather Conditions	Current Site Activity	NOTES
9-12-08	10³⁰	.021	70°	overcast	Caulk removal DE Courtyard	NE Wind
9-12-08	11³⁹	.025	"	"	"	"
9-12-08	2⁰³	.020	"	"	"	"
9-15-08	9³⁶	.009	80°	clear	Caulk Removal DE Courtyard	Strong SE Wind
9-15-08	10³⁸	.006	"	"	"	"
9-15-08	11⁴²	.005	"	"	"	"
9-15-08	1416	0.003	80°	clear	Caulk Removal DE Courtyard	Strong SE Wind
9-15-08	15³⁵	0.002	"	"	"	"
9-16-08	941	0.010	70°	clear	Caulk Removal DE Courtyard	"
9-16-08	10⁵¹	.007	"	"	"	"
9-16-08	11⁴¹	.012	"	"	"	"
9-16-08	1¹⁴	.009	"	"	"	"
9-16-08	3²¹	.011	"	"	"	"
9-16-08	4²⁴	.010	"	"	"	"
9-17-08	9⁵²	.010	70°	clear	Caulk Removal DE Courtyard	SE Wind
9-17-08	10⁴⁷	.011	"	"	"	"
9-17-08	10³⁶	.012	"	"	"	"
9-18-08	10¹¹	.005	70	clear	Caulk Removal Courtyard ABC	SE Wind
9-18-08	11¹⁵	.002	"	"	"	"
9-19-08	1043	0.004	70	Clear	Caulk Removal ABC Courtyard	Strong Wind
9-19-08	1143	0.006	"	"	"	"

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale PCB Remediation Project

ABC
B

Courtyard Side ~~HJK~~ Building - Location ~~3~~ 8

Date	Time	Dust Level mg/M³	Temperature °F	Weather Conditions	Current Site Activity	NOTES
~~9/19/08~~ 14~~10~~	1410	0.006	70	Clear	Caulk Removal ABC Courtyard	
~~9/19/08~~ 15~~19~~	1519	0.004	"	"	"	
9.22.08	10⁰⁰	0.008	67°	overcast	Caulk Removal ABC Courtyard	SE Wind
9.22.08	1122	0.006	"	"	"	"
9.22.08	110	0.010	"	"	"	"
9.22.08	250	0.007	"	"	"	"
9-23-08	1005	0.006	70	Clear	CAULK REMOVAL ABC Courtyard	
9.23.08	1107	0.006	"	"	"	Moderate Wind
9.24.08	1025	0.013	70	Clear	Caulk Removal ABC Courtyard	Slight E. Wind

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale PCB Remediation Project

Courtyard Side HJK Building - Location 9

Date	Time	Dust Level mg/M^3	Temperature °F	Weather Conditions	Current Site Activity	NOTES
8/20/08	1504	0.006	80°	Clear ~~Humid 60%~~	Caulk Removal HJK CY Side	Gusting Winds From W
8/20/08	1555	0.006	"	"	"	"
8-21-08	0933	0.019	80°	clear	Caulk Removal HJK Courtyard	SE wind
8-21-08	1034	0.011	"	"	"	"
8-21-08	1147	0.017	"	"	"	"
8-21-08	245	0.011	80°	Clear	Caulk Removal HJK Courtyard	SE Wind
8-21-08	351	0.007	"	"	"	"
8-22-08	946	0.016	80°	clear	Caulk Removal HJK Courtyard	NW Wind
8-22-08	1034	0.016				
8-22-08	141	0.013				
8-22-08	310	0.020	"	"	"	"
8-22-08	359	0.020	"	"	"	"
8-26-08	0907	0.005	70°	Clear	Caulk Removal HJK Courtyard	Strong Gusting Wind
8-26-08	0952	0.007	80°	"	"	Gusting Winds
8-26-08	1306	0.005	"	"	"	"
8-27-08	922	0.009	70°F	Clear	Caulk Removal HJK Courtyard	SE wind
8-27-08	1034	0.030	"	"	"	"
8-27-08	1140	0.007	"	"	"	"
8-28-08	0910	0.016	70°	Clear	Caulk Removal HJK Courtyard	SE Wind
8-28-08	1134	0.014	80°	"	"	SE Wind
8-28-08	1410	0.011	"	"	"	SE Wind

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale PCB Remediation Project

Courtyard Side HJK Building - Location 9

Date	Time	Dust Level mg/M³	Temperature °F	Weather Conditions	Current Site Activity	NOTES
8-28-08	339	0.012	80°F	clear	HJK Courtyard Caulk Removal	NW wind
8-29-08	937	0.021	75°F	clear	Caulk Removal HJK Courtyard	NW wind
8-29-08	1114	0.023	85	"	"	Inc. Humidity
8-29-08	1212	0.022	"	"	"	
8-29-08	233	0.025	"	"	"	"
9-2-08	946	0.026	75°	clear	Caulk Removal HJK Courtyard	Inc. Humidity SW wind
9-02-08	1058	0.013	80	"	"	Inc. Humidity
9-02-08	1220	0.006	"	"	"	Inc. E. Wind
9-02-08	1441	0.008	"	"	"	Gusting Wind
9-02-08	1545	0.008	"	"	"	"
9-3-08	1000	0.039	75	clear	Caulk Removal HJK Courtyard	SE Wind
9-3-08	1050	0.011	"	"	"	"
9-3-08	1403	0.013	"	"	"	"
9-3-08	1532	0.016	"	"	"	"

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale PCB Remediation Project

Courtyard Side ~~HJK~~ FG Building - Location 10

Date	Time	Dust Level mg/M³	Temperature °F	Weather Conditions	Current Site Activity	NOTES
9-4-08	14 15	0.066	85°	clear	Caulk Removal FG Courtyard	Inc. Humidity SW wind
9-4-08	3 49 pm	0.066	"	"	"	"
9-5-08	9 32	.072	85°	clear	"	Inc. Humidity SW wind
9-5-08	10 59	.068	"	"	"	"
9-5-08	1222	0.071	"	"	"	SLIGHT WIND HIGH HUMIDITY
9-5-08	14 38	0.085	"	"	"	"
9-5-08	15 36	0.051	"	"	"	"
9-8-08	09 38	0.009	70°	clear	Caulk Removal FG Courtyard	SE Wind w/ Gusts
9-8-08	10 34	0.015	70°	clear	Caulk Removal FG Courtyard	SE Wind
9-8-08	11 37	0.013	"	"	"	"
9-8-08	1 48	0.012	"	"	"	"
9-8-08	3 01	0.010	"	"	"	"
9-9-08	10 03	.046	80°	overcast	Caulk Removal FG Courtyard	NW Wind
9-9-08	11 52	.043	80°	overcast	Caulk Removal Courtyard FG	NW Wind
9-10-08	09 52	0.007	75°	clear	Caulk Removal FG Courtyard	SE Wind
9-10-08	11 51	0.005	75°	clear	Caulk Removal FG Courtyard	SE Wind
9-10-08	1 46	0.002	75°	clear	Caulk Removal FG Courtyard	SE Wind
9-10-08	3 09	0.011	75°	clear	Caulk Removal FG Courtyard	SE Wind
9-11-08	9 49	0.017	70°	clear	Caulk Removal FG Courtyard	NW Wind
9-11-08	10 52	0.023	70	clear	Caulk Removal FG Courtyard	NW Wind
9-11-08	3 38	.021	"	"	"	"

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale PCB Remediation Project

Courtyard Side DE Building - Location 10

Date	Time	Dust Level mg/M³	Temperature °F	Weather Conditions	Current Site Activity	NOTES
9-12-08	10^33	.015	70°	overcast	Caulk Removal DE Courtyard	NE Wind
9-12-08	11^36	.018	70°	overcast	"	"
9-12-08	1^58	.012	"	"	"	"
9-15-08	9^33	.014	80°	clear	Caulk Removal DE Courtyard	Strong SE Wind
9-15-08	10^32	.017	80°	clear	"	"
9-15-08	11^38	.012	"	"	"	"
9-15-08	1414	0.004	80°	"	"	"
9-15-08	15^30	0.003	"	"	"	"
9-16-08	9^36	0.007	70°	clear	Caulk Removal DE Courtyard	"
9-16-08	10^42	0.005	"	"	"	"
9-16-08	11^36	.008	"	"	"	"
9-16-08	1^11	.010	"	"	"	"
9-16-08	3^17	.009	"	"	"	"
9-16-08	4^28	.007	"	"	"	"
9-17-08	9^48	.015	70°	clear	Caulk Removal DE Courtyard	SE Wind
9-17-08	10^44	.012	70°	"	"	"
9-17-08	10^33	.012	"	"	"	"

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale PCB Remediation Project

Courtyard Side ABC Building - Location 11

Date	Time	Dust Level mg/M³	Temperature °F	Weather Conditions	Current Site Activity	NOTES
9-18-08	1007	.009	70	clear	Caulk Removal Courtyard ABC	SE Wind
9-18-08	1122	.007	"	"	"	"
9-19-08	1050	0.006	70	Clear	Caulk Removal ABC Courtyard	Strong Wind
9-19-08	1152	0.004	"	"	"	"
9/19/08	1416	0.006	"	"	"	"
9/19/08	1527	0.006	"	"	"	"
9-22-08	1008	0.009	65°	overcast	Caulk Removal ABC Courtyard	SE Wind
9-22-08	1129	0.007	"	"	"	"
9-22-08	117	0.010	"	"	"	"
9-22-08	258	0.011	"	"	"	"
9-23-08	1004	0.007	70	Clear	Caulk Removal ABC Courtyard	
9-23-08	1105	0.009	"	"	"	
9-24-08	1023	0.013	70	Clear	Caulk Removal ABC Courtyard	Moderate Wind

AIR MONITORING FORM
MIT WESTGATE -
W85 Full Scale PCB Remediation Project

Courtyard Side ABC **Building - Location** 12

Date	Time	Dust Level mg/M³	Temperature °F	Weather Conditions	Current Site Activity	NOTES
9-18-08	10⁰⁴	.007	70	clear	Caulk Removal ABC Courtyard	SE Wind
9-18-08	11¹⁸	.005	"	"	"	"
9-19-08	1047	0.006	70	Clear	ABC Caulk Removal ABC Courtyard	Strong Wind
9-19-08	1149	0.004	"	"	"	"
9/19/08	1413	0.006	"	"	"	"
9/19/08	1521	0.005	"	"	"	"
9.22.08	10⁰⁵	0.003	65	overcast	Caulk Removal ABC Courtyard	SE Wind
9.22.08	11²⁶	0.005	"	"	"	"
9.22.08	1¹³	0.005	"	"	"	"
9.22.08	2⁵⁵	0.003	"	"	"	"
9-23-08	1003	0.007	70	Clear	CAULK REMOVAL ABC Courtyard	
9-23-08	1104	0.007	"	"	"	Moderate E. Wind
9-24-08	1022	0.013	70	Clear	Caulk Removal ABC Courtyard	Slight E. Wind

APPENDIX D: WASTE SHIPMENT RECORDS

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
P.O. Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

MASSACHUSETTS INST OF TECH
ATTN: JUSTIN ADAMS
MAD001425594
77 MASSACHUSETTS AVE
CAMBRIDGE MA 02139-4301

CONFIRMATION OF DESTRUCTION

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from MASSACHUSETTS INST OF TECH on 11/04/08 as described on Shipping Document number 005083704JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was trans-shipped to a CWM approved facility for final disposition. CWM CHEMICAL SERVICES, L.L.C. also certifies that it has received confirmation that said material was disposed/destroyed in accordance with both state and federal regulations.

Profile Number: NY295807
CWM Tracking ID: 8162987702
CWM Unit #: 1*0
Disposal Date: 03/31/09

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 330719
06/02/09

For questions please call our Customer Service Dept. at (800) 843-3604

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
P.O. Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

MASSACHUSETTS INST OF TECH
ATTN: JUSTIN ADAMS
MAD001425594
77 MASSACHUSETTS AVE
CAMBRIDGE MA 02139-4301

CONFIRMATION OF DESTRUCTION

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from MASSACHUSETTS INST OF TECH on 11/04/08 as described on Shipping Document number 005083725JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was trans-shipped to a CWM approved facility for final disposition. CWM CHEMICAL SERVICES, L.L.C. also certifies that it has received confirmation that said material was disposed/destroyed in accordance with both state and federal regulations.

Profile Number: NY295807
CWM Tracking ID: 8162953205
CWM Unit #: 1*0
Disposal Date: 03/31/09

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 330718
06/02/09

For questions please call our Customer Service Dept. at (800) 843-3604

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

MASSACHUSETTS INST OF TECH
ATTN: JUSTIN ADAMS
MAD001425594
77 MASSACHUSETTS AVE
CAMBRIDGE MA 02139-4301

CONFIRMATION OF DESTRUCTION

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from MASSACHUSETTS INST OF TECH on 11/25/08 as described on Shipping Document number 005085248JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was trans-shipped to a CWM approved facility for final disposition. CWM CHEMICAL SERVICES, L.L.C. also certifies that it has received confirmation that said material was disposed/destroyed in accordance with both state and federal regulations.

Profile Number: NY298558
CWM Tracking ID: 8163053801
CWM Unit #: 1*0 thru 4*0
Disposal Date: 04/28/09

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 330802
06/04/09

For questions please call
our Customer Service Dept.
at (800) 843-3604

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

MASSACHUSETTS INST OF TECH
ATTN: JUSTIN ADAMS
MAD001425594
77 MASSACHUSETTS AVE
CAMBRIDGE MA 02139-4301

CONFIRMATION OF DESTRUCTION

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from MASSACHUSETTS INST OF TECH on 01/13/09 as described on Shipping Document number 005531485JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was trans-shipped to a CWM approved facility for final disposition. CWM CHEMICAL SERVICES, L.L.C. also certifies that it has received confirmation that said material was disposed/destroyed in accordance with both state and federal regulations.

Profile Number: NY298558
CWM Tracking ID: 8163187501
CWM Unit #: 1*0 thru 5*0
Disposal Date: 04/28/09

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 330805
06/04/09

For questions please call
our Customer Service Dept.
at (800) 843-3604

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
P.O. Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

MASSACHUSETTS INST OF TECH
ATTN: ENVIRONMENTAL COMPLIANCE DEPT.
MAD001425594
77 MASSACHUSETTS AVE
CAMBRIDGE MA 02139-4301

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from MASSACHUSETTS INST OF TECH on 07/24/08 as described on Shipping Document number 003829393JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY295808
CWM Tracking ID: 8162563311
CWM Unit #: 1*0 thru 8*0
Disposal Date: 08/07/08

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 319685
08/08/08

For questions please call
our Customer Service Dept.
at (800) 843-3604

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
P.O. Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

MASSACHUSETTS INST OF TECH
ATTN: ENVIRONMENTAL COMPLIANCE DEPT.
MAD001425594
77 MASSACHUSETTS AVE
CAMBRIDGE MA 02139-4301

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from MASSACHUSETTS INST OF TECH on 08/07/08 as described on Shipping Document number 003829390JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY295808
CWM Tracking ID: 8162603210
CWM Unit #: 1*0 thru 10*0
Disposal Date: 08/15/08

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 320337
08/20/08

For questions please call
our Customer Service Dept.
at (800) 843-3604

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC

1550 Balmer Road
P.O. Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

MASSACHUSETTS INST OF TECH
ATTN: ENVIRONMENTAL COMPLIANCE DEPT.
MAD001425594 Attn: Justin Adams
77 MASSACHUSETTS AVE
CAMBRIDGE MA 02139-4301

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from MASSACHUSETTS INST OF TECH on 08/07/08 as described on Shipping Document number 003829384JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY295808
CWM Tracking ID: 8162603213
CWM Unit #: 1*0 thru 12*0
Disposal Date: 08/15/08

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 320339
08/20/08

For questions please call
our Customer Service Dept.
at (800) 843-3604

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
P.O. Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

MASSACHUSETTS INST OF TECH
ATTN: ENVIRONMENTAL COMPLIANCE DEPT.
MAD001425594
77 MASSACHUSETTS AVE
CAMBRIDGE MA 02139-4301

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from MASSACHUSETTS INST OF TECH on 08/14/08 as described on Shipping Document number 005081352JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY295808
CWM Tracking ID: 8162632116
CWM Unit #: 1*0 thru 7*0
Disposal Date: 08/20/08

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 320427
08/22/08

For questions please call
our Customer Service Dept.
at (800) 843-3604

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
P.O. Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

MASSACHUSETTS INST OF TECH
ATTN: ENVIRONMENTAL COMPLIANCE DEPT.
MAD001425594 Attn: Justin Adams
77 MASSACHUSETTS AVE
CAMBRIDGE MA 02139-4301

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from MASSACHUSETTS INST OF TECH on 09/18/08 as described on Shipping Document number 003834998JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY295808
CWM Tracking ID: 8162729201
CWM Unit #: 1*0 thru 4*0
Disposal Date: 09/25/08

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 323884
10/27/08

For questions please call
our Customer Service Dept.
at (800) 843-3604

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
P.O. Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

MASSACHUSETTS INST OF TECH
ATTN: ENVIRONMENTAL COMPLIANCE DEPT.
MAD001425594
77 MASSACHUSETTS AVE
CAMBRIDGE MA 02139-4301

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from MASSACHUSETTS INST OF TECH on 09/11/08 as described on Shipping Document number 005081344JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY295808
CWM Tracking ID: 8162692501
CWM Unit #: 1*0 thru 5*0
Disposal Date: 09/25/08

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 323875
10/27/08

For questions please call
our Customer Service Dept.
at (800) 843-3604

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
P.O. Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

MASSACHUSETTS INST OF TECH
ATTN: ENVIRONMENTAL COMPLIANCE DEPT.
MAD001425594
77 MASSACHUSETTS AVE
CAMBRIDGE MA 02139-4301

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from MASSACHUSETTS INST OF TECH on 09/25/08 as described on Shipping Document number 003834994JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY295808
CWM Tracking ID: 8162765901
CWM Unit #: 1*0 thru 5*0
Disposal Date: 10/08/08

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 323696
10/23/08

For questions please call
our Customer Service Dept.
at (800) 843-3604

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
P.O. Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

MASSACHUSETTS INST OF TECH
ATTN: ENVIRONMENTAL COMPLIANCE DEPT.
MAD001425594 Attn: Justin Adams
77 MASSACHUSETTS AVE
CAMBRIDGE MA 02139-4301

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from MASSACHUSETTS INST OF TECH on 10/09/08 as described on Shipping Document number 005082256JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY295808
CWM Tracking ID: 8162880915
CWM Unit #: 1*0 thru 5*0
Disposal Date: 10/29/08

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 324378
11/06/08

For questions please call
our Customer Service Dept.
at (800) 843-3604

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
P.O. Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

MASSACHUSETTS INST OF TECH
ATTN: ENVIRONMENTAL COMPLIANCE DEPT.
MAD001425594
77 MASSACHUSETTS AVE
CAMBRIDGE MA 02139-4301

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from MASSACHUSETTS INST OF TECH on 10/09/08 as described on Shipping Document number 005084191JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY295808
CWM Tracking ID: 8162880917
CWM Unit #: 1*0 thru 3*0
Disposal Date: 10/29/08

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 324379
11/06/08

For questions please call
our Customer Service Dept.
at (800) 843-3604

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
P.O. Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

MASSACHUSETTS INST OF TECH
ATTN: ENVIRONMENTAL COMPLIANCE DEPT.
MAD001425594 Attn: Justin Adams
77 MASSACHUSETTS AVE
CAMBRIDGE MA 02139-4301

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from MASSACHUSETTS INST OF TECH on 10/02/08 as described on Shipping Document number 005082252JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY295808
CWM Tracking ID: 8162844610
CWM Unit #: 1*0 thru 4*0
Disposal Date: 10/08/08

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 323702
10/23/08

For questions please call
our Customer Service Dept.
at (800) 843-3604

XXXXX

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
MAD0 0 1 4 2 5 5 9 4	1	800 966 9282	003829384 JJK

GENERATOR

5. Generator's Name and Mailing Address

Massachusetts Institute of Technology
77 Massachusetts Avenue N52-496 77 Mass Ave.
Cambridge, MA 02139-4307
Generator's Phone: 617-452-3270 Attn: Justin Adams

Generator's Site Address (if different than mailing address)

MIT-77 Mass Ave. (02)
77 Massachusetts Avenue N52-496
Cambridge, MA 02139-4307

6. Transporter 1 Company Name — U.S. EPA ID Number

Triumvirate Environmental, Inc. — MAD985286988

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

CWM Chemical Services
1550 Balmer Road PO Box 200
Model City, NY 14107
Facility's Phone: (716) 754-8231 — NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ Polychlorinated biphenyls, solid 9, UN3432, II -13	12	DM	624	K	~~MA02~~	~~B007~~	
	2.							L
	3.							
	4.							

14. Special Handling Instructions and Additional Information — PCB ID = Asbestos Debris or similar - Omitted PCB labeling as required by 40 CFR 761.207.

1 - (12 x 55) NY295808 2- 3- 4-

Out of Service Date: 7/20/08

Unique Container Numbers
MITW85782008-9,-10,-11,-12,-13,-14,-15,-16
81-024032 -17,-18,-19,-20

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: HEIDI MONTANARI — Signature — Month 07 Day 22 Year 08

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Mike Dombroski — Signature — Month 07 Day 22 Year 08

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Michelle Flood — Signature — Month 08 Day 07 Year 08

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

TR274

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

XXXXX
Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
MAD0 0 1 4 2 5 5 9 4	1	800 966 9282	003829390 JJK

5. Generator's Name and Mailing Address

Massachusetts Institute of Technology
77 Massachusetts Avenue N52-496 77 Mass Ave.
Cambridge, MA 02139-4307
Generator's Phone: 617-452-3270 Attn: Justin Adams

Generator's Site Address (if different than mailing address)

MIT-77 Mass Ave. (02)
77 Massachusetts Avenue N52-496
Cambridge, MA 02139-4307

6. Transporter 1 Company Name — **U.S. EPA ID Number**

Triumvirate Environmental, Inc. — MAD985286988

7. Transporter 2 Company Name — **U.S. EPA ID Number**

Bucs Transportation Services — OHD980614311 w duplicate

8. Designated Facility Name and Site Address — **U.S. EPA ID Number**

CWM Chemical Services
1550 Balmer Road PO Box 200
Model City, NY 14107
Facility's Phone: (716) 754-8231 — NYD049836679

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ Polychlorinated biphenyls, solid 9, UN3432, II -10	010	DM	0.500	K	~~MA02~~	~~B007~~	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information

1 - (10 x 55) NY295808 2- 3- 4-

8100 6032

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
HEIDI MONTANARI		07	29	08

16. International Shipments ☐ Import to U.S. ☒ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Sean W Martin		07	29	08
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year
John Hummad		08	06	08

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name	Signature	Month	Day	Year
Michelle Flack		08	07	08

GENERATOR — TRANSPORTER INTL — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

XXXXX

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MAD001425594
2. Page 1 of: 1
3. Emergency Response Phone: 800 966 9282
4. Manifest Tracking Number: 003829393 JJK

5. Generator's Name and Mailing Address:
Massachusetts Institute of Technology
77 Massachusetts Avenue N52-496 77 Mass Ave.
Cambridge, MA 02139-4307

Generator's Site Address (if different than mailing address):
MIT-77 Mass Ave. (02)
77 Massachusetts Avenue N52-496
Cambridge, MA 02139-4307

Generator's Phone: 617-452-3270 Attn: Justin Adams

6. Transporter 1 Company Name: Triumvirate Environmental, Inc. — U.S. EPA ID Number: MAD985286988

7. Transporter 2 Company Name: Ross Transportation Services — U.S. EPA ID Number: OHD980614374 [illegible] 7/23/08

8. Designated Facility Name and Site Address:
CWM Chemical Services
1550 Balmer Road PO Box 200
Model City, NY 14107
Facility's Phone: (716) 754-8231 — U.S. EPA ID Number: NYD049836679

GENERATOR

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ: Polychlorinated biphenyls, solid 9, UN3432, II -II	008	DM	003662	K	~~MA02~~	~~B007~~	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1- (8 x 55) NY295808 : Out of Service Date: 7/15/08 2- 3- 4-
Omitted unique drum numbers and PCB identity as required by 40CFR761.207.
Unique Container Numbers [PCBID=Debris; Asbestos 06/26/08] 9162-5633

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Daniel Kallin — Signature: [signature] — Month/Day/Year: 07/15/08

INT'L
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: ______
Transporter signature (for exports only): Date leaving U.S.: ______

TRANSPORTER
17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Mike Dubroski — Signature: [signature] — Month/Day/Year: 07/15/08
Transporter 2 Printed/Typed Name: Dan Potter — Signature: [signature] — Month/Day/Year: 7/23/08

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Michelle Fleck — Signature: [signature] — Month/Day/Year: 07/24/08

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. **DESIGNATED FACILITY TO GENERATOR**

81627659

XXXXX

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
MAD001425594	1	800 966 9282	003834994 JJK

GENERATOR

5. Generator's Name and Mailing Address

Massachusetts Institute of Technology
77 Massachusetts Avenue N52-496 77 Mass Ave.
Cambridge, MA 02139-4307
Generator's Phone: 617-452-3276 Attn: Justin Adams

Generator's Site Address (if different than mailing address)

MIT-77 Mass Ave. (02)
77 Massachusetts Avenue N52-496
Cambridge, MA 02139-4307

6. Transporter 1 Company Name — U.S. EPA ID Number

Triumvirate Environmental, Inc. — MAD982852988

7. Transporter 2 Company Name — U.S. EPA ID Number

Ross Transportation Services, Inc. — ORD980614394 Ap 9/29/08

8. Designated Facility Name and Site Address — U.S. EPA ID Number

CWM Chemical Services
1550 Balmer Road PO Box 200
Model City, NY 14107
Facility's Phone: (716) 754-8231 — NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ: Polychlorinated biphenyls, solid 9, UN3432, II -1	005	DM	00223	K	~~MA02~~	~~B007~~	L
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information

1 - (5 x 55) NY295808 : (Out of Service Date: 9/9/08) 2 - 3 - 4 -

81627659
Unique Container Numbers: MITW85782008-47, 48, 49, 50, 51

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
Justin Adams	Justin Adams	09	09	08

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Mike Dunbosk	Mike Dunbosk	09	09	08
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year
Dan Potter	Dan Potter	9	29	08

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☒ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name	Signature	Month	Day	Year
Michelle Fleck	Michelle Fleck	09	25	08

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. **DESIGNATED FACILITY TO GENERATOR**

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

XXXXX
Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
MAD 0 71 4 2 5 5 9 4	1	800 966 9282	003834398 JJK

GENERATOR

5. Generator's Name and Mailing Address

Massachusetts Institute of Technology
77 Massachusetts Avenue N52-496 77 Mass Ave.
Cambridge, MA 02139-4307
Generator's Phone: 617-452-3270 Attn: Justin Adams

Generator's Site Address (if different than mailing address)

MIT-77 Mass Ave. (02)
77 Massachusetts Avenue N52-496
Cambridge, MA 02139-4307

6. Transporter 1 Company Name — U.S. EPA ID Number

Triumvirate Environmental, Inc. — MAD 9 8 5 2 8 6 9 8 8

7. Transporter 2 Company Name — U.S. EPA ID Number

Bass Transportation Services — OHD 9 8 0 6 1 4 3 7 4 4/2/08

8. Designated Facility Name and Site Address — U.S. EPA ID Number

CWM Chemical Services
1550 Balmer Road PO Box 200
Model City, NY 14107
Facility's Phone: (716) 754-8231 — NYD 0 4 9 8 3 6 6 7 9

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ: Polychlorinated biphenyls, solid 9, UN3432, II	004	DM	00220	K	~~MA02~~ ~~B007~~		
	2.							L
	3.							
	4.							

14. Special Handling Instructions and Additional Information

1 - (4 x 55) NY295808 Out of Service Date: 9/2/08 Unique Container Numbers - 2 - 3 - 4 - (2008)

9402292 MITW85782008 - 43 - 44, - 45 - 46

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
Mary Niamh O. Kelly	Mary C. O'Kelly	09	02	08

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
~~Justin Adams~~ Matt O'Shea		09	02	08
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year
Dan Potter		9	11	08

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name	Signature	Month	Day	Year
Michelle Fleck		09	18	08

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

xxxxx

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	MAD0 0 1 4 2 5 5 9 4	1	800 966 9282	005081344 JJK

GENERATOR

5. Generator's Name and Mailing Address
Massachusetts Institute of Technology
77 Massachusetts Avenue N52-496 77 Mass Ave.
Cambridge, MA 02139-4307
Generator's Phone: 617-452-3270 Attn: Justin Adams

Generator's Site Address (if different than mailing address)
MIT-77 Mass Ave. (02)
77 Massachusetts Avenue N52-496
Cambridge, MA 02139-4307

6. Transporter 1 Company Name: Triumvirate Environmental, Inc. — U.S. EPA ID Number: MAD985286988

7. Transporter 2 Company Name: Ross Transportation Srvices — U.S. EPA ID Number: OHD980614374 8/9/08

8. Designated Facility Name and Site Address
CWM Chemical Services
1550 Balmer Road PO Box 200
Model City, NY 14107
Facility's Phone: (716) 754-8231 — U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ: Polychlorinated biphenyls, solid 9, UN3432, II	005	DM	00164	K	MA02	B007	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1 - (1 x 55) NY295808 : (Out of Service Date 8/20/08) 2-8-21-08 3-8-22-08 4-8-25-08 5-8-12-08 8102G925
Unique Container Numbers: MIT8578208-39, -40, -41, -42, 38

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: DANIEL KALLEN — Signature: [signature] — Month: 08 Day: 26 Year: 08

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: David F Cawell — Signature: [signature] — Month: 08 Day: 26 Year: 08

Transporter 2 Printed/Typed Name: Dan Potter — Signature: [signature] — Month: 9 Day: 10 Year: 08

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Michael D'Angelo — Signature: [signature] — Month: 09 Day: 11 Year: 08

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

XXXXX

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
MAD001425594	1	800 966 9282	005081352 JJK

GENERATOR

5. Generator's Name and Mailing Address
Massachusetts Institute of Technology
77 Massachusetts Avenue N52-496 77 Mass Ave.
Cambridge, MA 02139-4307
Generator's Phone: 617-452-3270 Attn: Justin Adams

Generator's Site Address (if different than mailing address)
MIT-77 Mass Ave. (02)
77 Massachusetts Avenue N52-496
Cambridge, MA 02139-4307

6. Transporter 1 Company Name
Triumvirate Environmental, Inc.
U.S. EPA ID Number: MAD985286988

7. Transporter 2 Company Name
Ross Transportation Services
U.S. EPA ID Number: ONDO 980 614 374 Aug 15 08

8. Designated Facility Name and Site Address
CWM Chemical Services
1550 Balmer Road PO Box 200
Model City, NY 14107
Facility's Phone: (716) 754-8231
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ: Polychlorinated biphenyls, solid 9, UN3432, II	007	DM	0381 (014)	K	MA02 B007 L
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1- (7 x 55) NY295808 2- 3- 4-
Out of Service Date: 8/5/08
Unique Container Numbers
Omitted unique drum numbers as required by 8102160321 CFR 761.207.

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Niamh Kelly
Signature: Niamh Kelly
Month/Day/Year: 08/05/08

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: DAN HIGGINS
Signature:
Month/Day/Year: 08/05/08

Transporter 2 Printed/Typed Name: PATRICK LOFLIN
Signature:
Month/Day/Year: 8/13/08

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Michelle Fleck
Signature:
Month/Day/Year: 08/14/08

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
MAD001425594	1	800 966 9282	005082252 JJK

GENERATOR

5. Generator's Name and Mailing Address

Massachusetts Institute of Technology
77 Massachusetts Avenue N52-496 Bldg N52-496
Cambridge, MA 02139-4307
Generator's Phone: 617-452-3270 Attn: Justin Adams

Generator's Site Address (if different than mailing address)

MIT-77 Mass Ave. (02)
77 Massachusetts Avenue N52-496
Cambridge, MA 02139-4307

6. Transporter 1 Company Name — U.S. EPA ID Number

Triumvirate Environmental, Inc. — MAD985286988

7. Transporter 2 Company Name — U.S. EPA ID Number

Ross Transportation Services — ONDO80614374

8. Designated Facility Name and Site Address — U.S. EPA ID Number

CWM Chemical Services
1550 Balmer Road PO Box 200
Model City, NY 14107
Facility's Phone: (716) 754-8231 — NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ: Polychlorinated biphenyls, solid 9, UN3432, II -10	004	DM	00218	K	~~MA02~~	~~B007~~	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information

1- (4 x 55) NY295808 2- 3- 4- Out of Service Date: 09-16-08

Unique Container Numbers — MIT WBS 782008-52,53,54,55 8628146

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Justin Adams — Signature: [signature] — Month 09 Day 16 Year 08

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Mike Dombroski — Signature: [signature] — Month 09 Day 16 Year 08

Transporter 2 Printed/Typed Name: David J Telcha — Signature: [signature] — Month 10 Day 1 Year 08

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Michelle Fleck — Signature: [signature] — Month 10 Day 02 Year 08

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	MAD0142559 4	1	800 966 9282	005082256 JJK

5. Generator's Name and Mailing Address

Massachusetts Institute of Technology
77 Massachusetts Avenue N52-496 Bldg N52-496
Cambridge, MA 02139-4307
Generator's Phone: 617-452-3270 Attn: Justin Adams

Generator's Site Address (if different than mailing address)

MIT-77 Mass Ave. (02)
77 Massachusetts Avenue N52-496
Cambridge, MA 02139-4307

6. Transporter 1 Company Name — U.S. EPA ID Number

Triumvirate Environmental, Inc. — MAD985286988

7. Transporter 2 Company Name — U.S. EPA ID Number

ROSS TRANSPORTATION SERVICES — OHD980614374

8. Designated Facility Name and Site Address — U.S. EPA ID Number

CWM Chemical Services
1550 Balmer Road PO Box 200
Model City, NY 14107
Facility's Phone: (716) 754-8231 — NYD049836679

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ: Polychlorinated biphenyls, solid 9, UN3432, II -15	005	DM	00273	K	~~MA02~~	~~B007~~	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information

1 - (5 x 55) NY295808 2- 3- 4- 8628809
MITWAS 7 Bins
~~MITWAS 7 Bins~~ - 56, 57, 58, 59, 60
out of service 9-23-08

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: (X) ZHANNA DAVIDOVITZ — Signature: (X) Z Davidovitz — Month 9 Day 22 Year 08

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Mike Dombroski — Signature: Mik Dobi — Month 09 Day 23 Year 08

Transporter 2 Printed/Typed Name: JONATHAN NAGY — Signature: Jonathan Nagy — Month 10 Day 08 Year 08

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Michelle Fleck — Signature: Michelle Fleck — Month 10 Day 09 Year 08

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

XXXXX
Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	MAD0 0 1 4 2 5 5 9 4	1	800 966 9282	005083704 JJK

GENERATOR

5. Generator's Name and Mailing Address
Massachusetts Institute of Technology
77 Massachusetts Avenue N52-496 Bldg N52-496
Cambridge, MA 02139-4307
Generator's Phone: 617-452-3270 Attn: Justin Adams

Generator's Site Address (if different than mailing address)
MIT-77 Mass Ave. (02)
77 Massachusetts Avenue N52-496
Cambridge, MA 02139-4307

6. Transporter 1 Company Name
Triumvirate Environmental, Inc.
U.S. EPA ID Number: MAD985286988

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
CWM Chemical Services
1550 Balmer Road PO Box 200
Model City, NY 14107
Facility's Phone: (716) 754-8231
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes		
X	1. Waste Flammable liquids, toxic, n.o.s. 3(6.1), UN1992, II (RQ: Polychlorinated Biphenyls, Trimethylbenzene) -2	001	DM	00149	K	~~MA02~~	~~B002~~	~~D001~~ B
	2. ~~(RQ: PCB)~~							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1- (1 x 55) ~~NY295809~~ M295807 R 11/4/08 2- 3- 4- Out of service date: 10/28/2008
Unique Container Numbers: MITW85782008-65 81629704

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Niamh Kelly
Signature: Niamh Kelly
Month: 10 Day: 28 Year: 08

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Mike Dombroski
Signature: mik Dbl.
Month: 10 Day: 28 Year: 08

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☒ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Line 1 - delete Box 2, add Box 3
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H141			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Michelle Fleck
Signature: Michelle Fleck
Month: 11 Day: 04 Year: 08

xxxxx

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	MAD0014255 9 4	1	800 966 9282	005083725 JJK

GENERATOR

5. Generator's Name and Mailing Address

Massachusetts Institute of Technology
77 Massachusetts Avenue N52-496 Bldg N52-496
Cambridge, MA 02139-4307

Generator's Phone: 617-452-3270 Attn: Justin Adams

Generator's Site Address (if different than mailing address)

MIT-77 Mass Ave. (02)
77 Massachusetts Avenue N52-496
Cambridge, MA 02139-4307

6. Transporter 1 Company Name: Triumvirate Environmental, Inc. — U.S. EPA ID Number: MAD985286988

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address

CWM Chemical Services
1550 Balmer Road PO Box 200
Model City, NY 14107

Facility's Phone: (716) 754-8231 — U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. Waste Flammable liquids, toxic, n.o.s. 3(6.1), UN1992, II (RQ: Polychlorinated Biphenyls, Trimethylbenzene) ~~(RQ D009)~~	001	DM	00075	K	MA02	B002	D001 B
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information

1- (/ x 55) NY295800 2- 3- 4- out of service date 10-21-08

Unique Drum # MITW85782008-64 916229532 (2008)

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Justin Adams — Signature: [signature] — Month: 10 Day: 21 Year: 08

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Matt O'Shea — Signature: [signature] — Month: 10 Day: 21 Year: 08

Transporter 2 Printed/Typed Name — Signature — Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☒ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Line - delete B002, add B003

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H141			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Michelle Fleck — Signature: [signature] — Month: 11 Day: 04 Year: 08

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

XXXXX

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
MAD001425594	1	800 965 9282	005084191 JJK

GENERATOR

5. Generator's Name and Mailing Address

Massachusetts Institute of Technology
77 Massachusetts Avenue N52-496 Bldg N52-496
Cambridge, MA 02139-4307
Generator's Phone: 617-452-3230 Attn: Justin Adams

Generator's Site Address (if different than mailing address)

MIT-77 Mass Ave. (02)
77 Massachusetts Avenue N52-496
Cambridge, MA 02139-4307

6. Transporter 1 Company Name: Triumvirate Environmental, Inc.
U.S. EPA ID Number: MAD985286988

7. Transporter 2 Company Name: ROSS TRANSPORTATION SERVICES
U.S. EPA ID Number: OHD980614374

8. Designated Facility Name and Site Address

CWM Chemical Services
1550 Balmer Road PO Box 200
Model City, NY 14107
Facility's Phone: (716) 754-8231

U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ: Polychlorinated biphenyls, solid 9, UN3432, II	003	DM	00164 00380 OF	K	MA02	B007	L
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information

1- (3 x 55) NY295808 2- 3- 4- Unique Container Numbers 81028809

Out of Service date - 9/30/08 MITW857820008 · 61, 62, 63

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Niamh O. Kelly
Signature: Niamh OKelly
Month: 9 Day: 29 Year: 08

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: DAN HIGGINS
Signature: Dan Higgins
Month: 09 Day: 29 Year: 08

Transporter 2 Printed/Typed Name: JONATHAN NAGY
Signature: Jonathan Nagy
Month: 10 Day: 08 Year: 08

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Michelle Fleck
Signature: Michelle Fleck
Month: 10 Day: 09 Year: 08

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

XXXXX

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
MAD0 0 1 4 2 5 5 9 4	1	800 966 9282	005085248 JJK

GENERATOR

5. Generator's Name and Mailing Address

Massachusetts Institute of Technology
77 Massachusetts Avenue N52-496 Bldg N52-496
Cambridge, MA 02139-4307
Generator's Phone: 617-452-3270 Attn: Justin Adams

Generator's Site Address (if different than mailing address)

MIT-77 Mass Ave. (02)
77 Massachusetts Avenue N52-496
Cambridge, MA 02139-4307

6. Transporter 1 Company Name: Triumvirate Environmental, Inc. — U.S. EPA ID Number: MAD 9 8 5 2 8 6 9 8 8

7. Transporter 2 Company Name: Frank's Vacuum Truck Service Inc. — U.S. EPA ID Number: NJD 9 8 2 7 9 2 8 1 4 AC 12/2008

8. Designated Facility Name and Site Address

CWM Chemical Services
1550 Balmer Road PO Box 200
Model City, NY 14107
Facility's Phone: (716) 754-8231

U.S. EPA ID Number: NYD 0 4 9 8 3 6 6 7 9

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. Waste Flammable liquids, toxic, n.o.s. 3(6.1), UN1992, II (RQ: Polychlorinated Biphenyls, Trimethylbenzene)	004	DM	00750	K	~~MA02~~	~~B002~~	~~D001~~
	2. ~~(RQ D001)~~							B
	3.							
	4.							

14. Special Handling Instructions and Additional Information

1 - (4 x 55) NY295807 : (Out of Service - 11/4/08) Unique Container Number(s) - MITW85 782008-66 8103505538
2 - MITW85782008-67 3 - MITW85782008-68 MITW85 782005-69
(2004)

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Justin Adams — Signature: [signature] — Month 11 Day 12 Year 08

INTL

16. International Shipments ☐ Import to U.S. ☒ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Matt D'Shea — Signature: [signature] — Month 11 Day 12 Year 08

Transporter 2 Printed/Typed Name: Carl Kramer — Signature: [signature] — Month 11 Day 24 Year 08

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☒ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Line 1 - add B002, add B003

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H141			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Michelle Fleck — Signature: [signature] — Month 11 Day 25 Year 08

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

XXXXX
Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
MAD0 0 1 4 2 5 5 9 4	1	800 966 9282	005531485 JJK

GENERATOR

5. Generator's Name and Mailing Address

Massachusetts Institute of Technology
77 Massachusetts Avenue N52-496 Bldg N52-496
Cambridge, MA 02139-4307
Generator's Phone: 617-452-3270 Attn: Justin Adams

Generator's Site Address (if different than mailing address)

MIT-77 Mass Ave. (02)
77 Massachusetts Avenue N52-496
Cambridge, MA 02139-4307

6. Transporter 1 Company Name — U.S. EPA ID Number

Triumvirate Environmental, Inc. — MAD985286988

7. Transporter 2 Company Name — U.S. EPA ID Number

FRANK. VACUUM TRUCK — NYD049836679

8. Designated Facility Name and Site Address — U.S. EPA ID Number

CWM Chemical Services
1550 Balmer Road PO Box 200
Model City, NY 14107
Facility's Phone: (716) 754-8231 — NYD049836679

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ: Polychlorinated biphenyls, liquid 9, UN2315, II	005	DM	00620 DM	K	MA02	B003	B
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information

(PM 298558) 298558
1- (5 x 55) NY285807 : Out of Service Date 12/22/08, Uniqui ID #s MITWB5782008-70, MITWB5782008-71, MITWB5782008-72, MITWB5782008-73, MITWB5782008-74, MITWB5782008-75 2- 3- 4- 8163 1875

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
HEIDI MONTANARI		12	29	08

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
DAN HIGGINS		12	29	08
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year
KIM WHITE		1	12	09

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H141			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name	Signature	Month	Day	Year
Michelle Fleck		01	13	09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-012A

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number*: 3 - 26189

A. LOCATION OF SITE OR DISPOSAL SITE WHERE REMEDIATION WASTE WAS GENERATED:

Release Name (optional): Westgate

Street: 540 Memorial Dr (Rear) Location Aid:

City/Town: Cambridge 02139 ZIP Code: 021390000

Date/Period of Generation: 11/1/2008 to: 11/30/2008

Additional Release Tracking Numbers Associated with this Bill of Lading: 3-27799

** Note: If this Bill of Lading is the result of a Limited Removal Action (LRA) taken prior to Notification, a Release Tracking Number is not needed.*

B. PERSON CONDUCTING RESPONSE ACTION ASSOCIATED WITH BILL OF LADING:

Name of Organization: Massachusetts Institute of Technology

Name of Contact: William van Schalkwyk Title: Managing Director

Street: Bldg N52-496, 77 Massachusetts Ave

City/Town: Cambridge State: MA ZIP Code: 021390000

Telephone: (617) 253-9492 Ext.:

C. RELATIONSHIP TO RELEASE OF PERSON CONDUCTING RESPONSE ACTION ASSOCIATED WITH BILL OF LADING:

☑ RP or PRP Specify: ☑ Owner ☐ Operator ☐ Generator ☐ Transporter Other RP or PRP:

☐ Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21E, s. 2)

☐ Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21E, s. 5(j))

☐ Other Person:

If an owner and/or operator is not conducting the response action associated with the Bill of Lading, provide on an attachment the name, contact person, address and telephone number, including any area code and extension, for each, if known.

D. TRANSPORTER OR COMMON CARRIER INFORMATION:

Transporter/Common Carrier Name: Triumvirate Environmental, Inc.

Contact Person: R.J. Parsons Title:

Street: 65 Inner Belt Parkway

City/Town: Somerville State: MA ZIP Code: 021430000

Telephone: (617) 628-8098 Ext.:

E. RECEIVING FACILITY/TEMPORARY STORAGE LOCATION:

Operator/Facility Name: Turnkey - Waste Management of New Hampshire

Contact Person: Eileen Bellio Title: Compliance manager

Street: 97 Rochester Neck Road, PO Box 7065

City/Town: Rochester State: NH ZIP Code: 03839-7065

Telephone: 603-330-2170 Ext.:

Type of Facility: (check one)

☐ Asphalt Batch/Cold Mix ☐ Asphalt Batch/Hot Mix ☐ Thermal Processing ☐ Landfill/Disposal ☑ Landfill/Daily Cover ☐ Landfill/Structural Fill ☐ Incinerator ☐ Other: ☐ Temporary Storage

EPA Identification #: NHD980914634

Division of Hazardous Waste/Class A Permit #: Division of Solid Waste Management Permit #:

Actual/Anticipated Period of Temporary Storage (specify dates if applicable): 11/1/2008 to: 11/30/2008

Reason for Temporary Storage:
Consolidate shipments.

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-012A

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number*: 3 - 26189

E. RECEIVING FACILITY/TEMPORARY STORAGE LOCATION (continued) :

Temporary Storage Address:

Street: 100 Waverly Street

City/Town: Cambridge State: MA ZIP Code: 02139-0000

F. DESCRIPTION OF REMEDIATION WASTE:

(check all that apply)

☑ Contaminated Media (check all that apply): ☑ Soil ○ Groundwater ○ Surface Water ☑ Other: Mulch

☐ Contaminated Debris (check all that apply): ○ Vegetation or Organic Debris ○ Demolition/Construction Waste ○ Inorganic Absorbant Materials ○ Other:

☐ Non-hazardous Uncontainerized Waste (check all that apply): ○ Non-aqueous Phase Liquid ○ Other:

☐ Non-hazardous Containerized Waste (check all that apply): ○ Tank Bottoms/Sludges ○ Containers ○ Drums ○ Engineered Impoundments ○ Other:

Type of Contamination (check all that apply): ☐ Gasoline ☐ Diesel Fuel ☐ #2 Oil ☐ #4 Oil ☐ #6 Oil ☐ Waste Oil ☐ Kerosene ☐ Jet Fuel ☑ Other: PCBs

Estimated Volume of Materials: Cubic Yards: Tons: 550 Other:

Contaminant Source (check one/specify): ☐ Transportation Accident ☐ Underground Storage Tank ☑ Other: Caulk

Response Action Associated with Bill of Lading (check one): ☐ Immediate Response Action ☑ Release Abatement Measure ☐ Utility-Related Abatement Measure ☐ Limited Removal Action ☐ Comprehensive Response Action ☑ Other TSCA

Remediation Waste Charcterization Support Documentation attached:

☑ Site History Information ☑ Sampling and Analytical Methods and Procedures ☑ Laboratory Data ☐ Field Screening Data

If supporting documentation is not appended, provide an attachment stating thedate and in connection with what document such information was previously submitted to DEP.

G. LICENSED SITE PROFESSIONAL (LSP) OPINION:

Name of Organization: Cooperstown Environmental LLC

LSP Name: James T. Curtis, P.E., LSP Title: SENIOR VICE PRESIDENT

Telephone: (978) 470-4755 Ext.:

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this submittal, including any and all documents accompanying this submittal. In my professional opinion and judgment based upon application of

(i) the standard of care in 309 CMR 4.02(1),
(ii) the applicable provisions of 309 CMR 4.02(2) and (3), and
(iii) the provisions of 309 CMR 4.03(5),

to the best of my knowledge, information and belief, the assessment actions undertaken to characterize the Remediation Waste which is (are) the subject of this submittal for acceptance at the facility identified in this submittal comply with the applicable provisions of 310 CMR 40.0000, and such facility is permitted to accept Remediation Waste having the characteristics described in this submittal. I am aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I know to be false, inaccurate or materially incomplete.

LSP Signature: James T. Curtis Seal:

COMMONWEALTH OF MASSACHUSETTS
JAMES T. CURTIS
No. 1548
REGISTERED
LICENSED SITE PROFESSIONAL

Date: October 30, 2008

License Number: 1548

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-012A

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number*
3 - 26189

H. CERTIFICATION OF PERSON CONDUCTING RESPONSE ACTION ASSOCIATED WITH THIS BILL OF LADING:

I certify under penalties of law that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this certification, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained herein is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

Signature: William van Schalkwyk Date: October 30, 2008

Name of Person (print): William van Schalkwyk

FREE APPROVAL #
100411NH

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-012A

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number*: 3 - 26189

A. LOCATION OF SITE OR DISPOSAL SITE WHERE REMEDIATION WASTE WAS GENERATED:

Release Name (optional): Westgate

Street: 540 Memorial Dr (Rear) Location Aid:

City/Town: Cambridge 02139 ZIP Code: 021390000

Date/Period of Generation: 11/1/2008 to: 11/30/2008

Additional Release Tracking Numbers Associated with this Bill of Lading: 3-27799

* Note: If this Bill of Lading is the result of a Limited Removal Action (LRA) taken prior to Notification, a Release Tracking Number is not needed.

B. PERSON CONDUCTING RESPONSE ACTION ASSOCIATED WITH BILL OF LADING:

Name of Organization: Massachusetts Institute of Technology

Name of Contact: William van Schalkwyk Title: Managing Director

Street: Bldg N52-496, 77 Massachusetts Ave

City/Town: Cambridge State: MA ZIP Code: 021390000

Telephone: (617) 253-9492 Ext.:

C. RELATIONSHIP TO RELEASE OF PERSON CONDUCTING RESPONSE ACTION ASSOCIATED WITH BILL OF LADING:

[✓] RP or PRP Specify: [✓] Owner [ ] Operator [ ] Generator [ ] Transporter [ ] Other RP or PRP

[ ] Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21E, s. 2)

[ ] Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21E, s. 5(j))

[ ] Other Person:

If an owner and/or operator is not conducting the response action associated with the Bill of Lading, provide on an attachment the name, contact person, address and telephone number, including any area code and extension, for each, if known.

D. TRANSPORTER OR COMMON CARRIER INFORMATION:

Transporter/Common Carrier Name: ~~Triumvirate Environmental, Inc.~~ Ameri tech Env.

Contact Person: ~~R.S. Parsons~~ STEVE FOYE Title:

Street: ~~65 Inner Belt Parkway~~ 93 Rte 236

City/Town: ~~Somerville~~ ELIOT State: ~~MA~~ ME ZIP Code: ~~02143000~~ 03903

Telephone: ~~(617) 628-8836~~ 207-438-9149 Ext.:

E. RECEIVING FACILITY/TEMPORARY STORAGE LOCATION:

Operator/Facility Name: Turnkey - Waste Management of New Hampshire

Contact Person: Eileen Bellio Title: Compliance manager

Street: 97 Rochester Neck Road, PO Box 7065

City/Town: Rochester State: NH ZIP Code: 03839-7065

Telephone: 603-330-2170 Ext.:

Type of Facility (check one):
[ ] Asphalt Batch/Cold Mix [✓] Landfill/Disposal [ ] Incinerator [ ] Temporary Storage
[ ] Asphalt Batch/Hot Mix [ ] Landfill/Daily Cover [ ] Other:
[ ] Thermal Processing [ ] Landfill/Structural Fill

EPA Identification #: NHD980914634

Division of Hazardous Waste/Class A Permit #: Division of Solid Waste Management Permit #:

Actual/Anticipated Period of Temporary Storage (specify dates if applicable): to:

Reason for Temporary Storage

1004111NH 504

Massachusetts Department of Environmental Protection **BWSC-012B**

Bureau of Waste Site Cleanup

BILL OF LADING (pursuant to 310 CMR 40.0030)

SUMMARY SHEET ______ OF ______

Release Tracking Number: 3 - 26189

I. LOAD INFORMATION:

Load	Transporter	Receiving Facility/Temporary Storage
Load 1:	Signature of Transporter Representative: [signature]	Receiving Facility/Temporary Storage Representative: [signature]
	Date of Shipment: 12-2-08; Time of Shipment: 9:00 [X] AM [ ] PM	Date of Receipt: 12 2 08; Time of Receipt: [ ] AM [ ] PM
	Truck/Tractor Registration: 954291; Trailer Registration (if any): —	Load Size (cu. yds./tons):
Load 2:	Signature of Transporter Representative: [signature]	Receiving Facility/Temporary Storage Representative: [signature]
	Date of Shipment: 12-2-08; Time of Shipment: 9:45 [X] AM [ ] PM	Date of Receipt: 12 2 08; Time of Receipt: [ ] AM [ ] PM
	Truck/Tractor Registration: 954291; Trailer Registration (if any): —	Load Size (cu. yds./tons):
Load 3:	Signature of Transporter Representative: [signature]	Receiving Facility/Temporary Storage Representative: [signature]
	Date of Shipment: 12-2-08; Time of Shipment: 4:00 [ ] AM [X] PM	Date of Receipt: 12 3 08; Time of Receipt: [ ] AM [ ] PM
	Truck/Tractor Registration: 954291; Trailer Registration (if any): —	Load Size (cu. yds./tons):
Load 4:	Signature of Transporter Representative:	Receiving Facility/Temporary Storage Representative:
	Date of Shipment: ; Time of Shipment: [ ] AM [ ] PM	Date of Receipt: ; Time of Receipt: [ ] AM [ ] PM
	Truck/Tractor Registration: ; Trailer Registration (if any):	Load Size (cu. yds./tons):
Load 5:	Signature of Transporter Representative:	Receiving Facility/Temporary Storage Representative:
	Date of Shipment: ; Time of Shipment: [ ] AM [ ] PM	Date of Receipt: ; Time of Receipt: [ ] AM [ ] PM
	Truck/Tractor Registration: ; Trailer Registration (if any):	Load Size (cu. yds./tons):
Load 6:	Signature of Transporter Representative:	Receiving Facility/Temporary Storage Representative:
	Date of Shipment: ; Time of Shipment: [ ] AM [ ] PM	Date of Receipt: ; Time of Receipt: [ ] AM [ ] PM
	Truck/Tractor Registration: ; Trailer Registration (if any):	Load Size (cu. yds./tons):

J. LOG SHEET VOLUME INFORMATION:

Total Volume Recorded This Page (cu. yds./tons)

Total Carried Forward (cu. yds./tons):

Total Carried Forward and This Page (cu. yds./tons):

504 10041INH

Massachusetts Department of Environmental Protection BWSC-012B
Bureau of Waste Site Cleanup

BILL OF LADING (pursuant to 310 CMR 40.0030)
LOG SHEET ____ **OF** ____

Release Tracking Number: 3-26189

I. LOAD INFORMATION:

LOAD 1: Signature of ~~Transporter~~ Representative: Glen Toomey
Date of Shipment: 12/3/08 Time of Shipment: 10 : 03 (circle one) am/pm
Truck/Tractor Registration: 954291 Trailer Registration (if any): ____
Receiving Facility/Temporary Storage Representative: [signature]
Date of Receipt: 12/3/08 Time of Receipt: ____ : ____ (circle one) am/pm
Load Size (cu. yds./tons): ____

LOAD 2: Signature of Transporter Representative: Glen Toomey
Date of Shipment: 12/3/08 Time of Shipment: 2 : 30 (circle one) am/pm
Truck/Tractor Registration: 954291 / Me Trailer Registration (if any): ____
Receiving Facility/Temporary Storage Representative: [signature]
Date of Receipt: 12/4/08 Time of Receipt: ____ : ____ (circle one) am/pm
Load Size (cu. yds./tons): ____

LOAD 3: Signature of Transporter Representative: ____
Date of Shipment: ___/___/___ Time of Shipment: ____ : ____ (circle one) am/pm
Truck/Tractor Registration: ____ Trailer Registration (if any): ____
Receiving Facility/Temporary Storage Representative: ____
Date of Receipt: ___/___/___ Time of Receipt: ____ : ____ (circle one) am/pm
Load Size (cu. yds./tons): ____

LOAD 4: Signature of Transporter Representative: ____
Date of Shipment: ___/___/___ Time of Shipment: ____ : ____ (circle one) am/pm
Truck/Tractor Registration: ____ Trailer Registration (if any): ____
Receiving Facility/Temporary Storage Representative: ____
Date of Receipt: ___/___/___ Time of Receipt: ____ : ____ (circle one) am/pm
Load Size (cu. yds./tons): ____

LOAD 5: Signature of Transporter Representative: ____
Date of Shipment: ___/___/___ Time of Shipment: ____ : ____ (circle one) am/pm
Truck/Tractor Registration: ____ Trailer Registration (if any): ____
Receiving Facility/Temporary Storage Representative: ____
Date of Receipt: ___/___/___ Time of Receipt: ____ : ____ (circle one) am/pm
Load Size (cu. yds./tons): ____

LOAD 6: Signature of Transporter Representative: ____
Date of Shipment: ___/___/___ Time of Shipment: ____ : ____ (circle one) am/pm
Truck/Tractor Registration: ____ Trailer Registration (if any): ____
Receiving Facility/Temporary Storage Representative: ____
Date of Receipt: ___/___/___ Time of Receipt: ____ : ____ (circle one) am/pm
Load Size (cu. yds./tons): ____

LOAD 7: Signature of Transporter Representative: ____
Date of Shipment: ___/___/___ Time of Shipment: ____ : ____ (circle one) am/pm
Truck/Tractor Registration: ____ Trailer Registration (if any): ____
Receiving Facility/Temporary Storage Representative: ____
Date of Receipt: ___/___/___ Time of Receipt: ____ : ____ (circle one) am/pm
Load Size (cu. yds./tons): ____

J. LOG SHEET VOLUME INFORMATION:

Total Volume This Page (cu.yds./tons): ____
Total Carried Forward (cu.yds./tons): ____
Total Carried Forward and This Page (cu.yds./tons): ____

504

PROFILE 100411 NH

Massachusetts Department of Environmental Protection **BWSC-012B**
Bureau of Waste Site Cleanup

BILL OF LADING (pursuant to 310 CMR 40.0030)
LOG SHEET _____ OF _____

Release Tracking Number: ☐ - _____

I. LOAD INFORMATION:

LOAD 1: Signature of Transporter Representative: Glen TCOMey
Date of Shipment: 12/4/08 Time of Shipment: 9 : 41 (circle one) am/pm
Truck/Tractor Registration: 954291 / ME Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative: [signature]
Date of Receipt: 12/4/08 Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 2: Signature of Transporter Representative: _____
Date of Shipment: ___/___/___ Time of Shipment: _____ : _____ (circle one) am/pm
Truck/Tractor Registration: _____ Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative: _____
Date of Receipt: ___/___/___ Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 3: Signature of Transporter Representative: _____
Date of Shipment: ___/___/___ Time of Shipment: _____ : _____ (circle one) am/pm
Truck/Tractor Registration: _____ Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative: _____
Date of Receipt: ___/___/___ Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 4: Signature of Transporter Representative: _____
Date of Shipment: ___/___/___ Time of Shipment: _____ : _____ (circle one) am/pm
Truck/Tractor Registration: _____ Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative: _____
Date of Receipt: ___/___/___ Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 5: Signature of Transporter Representative: _____
Date of Shipment: ___/___/___ Time of Shipment: _____ : _____ (circle one) am/pm
Truck/Tractor Registration: _____ Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative: _____
Date of Receipt: ___/___/___ Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 6: Signature of Transporter Representative: _____
Date of Shipment: ___/___/___ Time of Shipment: _____ : _____ (circle one) am/pm
Truck/Tractor Registration: _____ Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative: _____
Date of Receipt: ___/___/___ Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 7: Signature of Transporter Representative: _____
Date of Shipment: ___/___/___ Time of Shipment: _____ : _____ (circle one) am/pm
Truck/Tractor Registration: _____ Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative: _____
Date of Receipt: ___/___/___ Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

J. LOG SHEET VOLUME INFORMATION:

Total Volume This Page (cu.yds./tons): _____
Total Carried Forward (cu.yds./tons): _____
Total Carried Forward and This Page (cu.yds./tons): _____

992047 503

Massachusetts Department of Environmental Protection **BWSC-012B**
Bureau of Waste Site Cleanup

BILL OF LADING (pursuant to 310 CMR 40.0030)
LOG SHEET _____ **OF** _____

Release Tracking Number: 3-26189

I. LOAD INFORMATION:

LOAD 1: Signature of Transporter Representative: Glen Tierney - S. Solano
Date of Shipment: 12/9/08 Time of Shipment: 2 : 15 (circle one) am/pm
Truck/Tractor Registration: 454291 / ME / 95289 Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative: _____
Date of Receipt: 12/9/08 Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 2: Signature of Transporter Representative: _____
Date of Shipment: ___ / ___ / ___ Time of Shipment: _____ : _____ (circle one) am/pm
Truck/Tractor Registration: _____ Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative: _____
Date of Receipt: ___ / ___ / ___ Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 3: Signature of Transporter Representative: _____
Date of Shipment: ___ / ___ / ___ Time of Shipment: _____ : _____ (circle one) am/pm
Truck/Tractor Registration: _____ Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative: _____
Date of Receipt: ___ / ___ / ___ Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 4: Signature of Transporter Representative: _____
Date of Shipment: ___ / ___ / ___ Time of Shipment: _____ : _____ (circle one) am/pm
Truck/Tractor Registration: _____ Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative: _____
Date of Receipt: ___ / ___ / ___ Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 5: Signature of Transporter Representative: _____
Date of Shipment: ___ / ___ / ___ Time of Shipment: _____ : _____ (circle one) am/pm
Truck/Tractor Registration: _____ Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative: _____
Date of Receipt: ___ / ___ / ___ Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 6: Signature of Transporter Representative: _____
Date of Shipment: ___ / ___ / ___ Time of Shipment: _____ : _____ (circle one) am/pm
Truck/Tractor Registration: _____ Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative: _____
Date of Receipt: ___ / ___ / ___ Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 7: Signature of Transporter Representative: _____
Date of Shipment: ___ / ___ / ___ Time of Shipment: _____ : _____ (circle one) am/pm
Truck/Tractor Registration: _____ Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative: _____
Date of Receipt: ___ / ___ / ___ Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

J. LOG SHEET VOLUME INFORMATION:

Total Volume This Page (cu.yds./tons): _____
Total Carried Forward (cu.yds./tons): _____
Total Carried Forward and This Page (cu.yds./tons): _____

Profile 100411 nH 4824

Massachusetts Department of Environmental Protection **BWSC-012B**
Bureau of Waste Site Cleanup

BILL OF LADING (pursuant to 310 CMR 40.0030)
LOG SHEET _____ **OF** _____

Release Tracking Number

I. LOAD INFORMATION:

LOAD 1: Signature of Transporter Representative: Glen Tcomey
Date of Shipment: 12/30/08 Time of Shipment: 12 : 00 (circle one) am/pm
Truck/Tractor Registration: 954291 - ME. Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt: 12/30/08 Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 2: Signature of Transporter Representative:
Date of Shipment: ___/___/___ Time of Shipment: _____ : _____ (circle one) am/pm
Truck/Tractor Registration: Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt: ___/___/___ Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 3: Signature of Transporter Representative:
Date of Shipment: ___/___/___ Time of Shipment: _____ : _____ (circle one) am/pm
Truck/Tractor Registration: Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt: ___/___/___ Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 4: Signature of Transporter Representative:
Date of Shipment: ___/___/___ Time of Shipment: _____ : _____ (circle one) am/pm
Truck/Tractor Registration: Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt: ___/___/___ Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 5: Signature of Transporter Representative:
Date of Shipment: ___/___/___ Time of Shipment: _____ : _____ (circle one) am/pm
Truck/Tractor Registration: Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt: ___/___/___ Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 6: Signature of Transporter Representative:
Date of Shipment: ___/___/___ Time of Shipment: _____ : _____ (circle one) am/pm
Truck/Tractor Registration: Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt: ___/___/___ Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 7: Signature of Transporter Representative:
Date of Shipment: ___/___/___ Time of Shipment: _____ : _____ (circle one) am/pm
Truck/Tractor Registration: Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt: ___/___/___ Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

J. LOG SHEET VOLUME INFORMATION:

Total Volume This Page (cu.yds./tons): _____
Total Carried Forward (cu.yds./tons): _____
Total Carried Forward and This Page (cu.yds./tons): _____

Profile 100411 DH

Massachusetts Department of Environmental Protection **BWSC-012B**
Bureau of Waste Site Cleanup

BILL OF LADING (pursuant to 310 CMR 40.0030)
LOG SHEET ____ **OF** ____

Release Tracking Number: 3-26189

I. LOAD INFORMATION:

LOAD 1: Signature of Transporter Representative: Glen Toomey
Date of Shipment: 12/30/08 Time of Shipment: 7 : 20 (circle one) am/pm
Truck/Tractor Registration: 954291 / ME
Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt: 12/30/08 Time of Receipt: ____ : ____ (circle one) am/pm
Load Size (cu. yds./tons):

LOAD 2: Signature of Transporter Representative:
Date of Shipment: ___/___/___ Time of Shipment: ____ : ____ (circle one) am/pm
Truck/Tractor Registration:
Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt: ___/___/___ Time of Receipt: ____ : ____ (circle one) am/pm
Load Size (cu. yds./tons):

LOAD 3: Signature of Transporter Representative:
Date of Shipment: ___/___/___ Time of Shipment: ____ : ____ (circle one) am/pm
Truck/Tractor Registration:
Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt: ___/___/___ Time of Receipt: ____ : ____ (circle one) am/pm
Load Size (cu. yds./tons):

LOAD 4: Signature of Transporter Representative:
Date of Shipment: ___/___/___ Time of Shipment: ____ : ____ (circle one) am/pm
Truck/Tractor Registration:
Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt: ___/___/___ Time of Receipt: ____ : ____ (circle one) am/pm
Load Size (cu. yds./tons):

LOAD 5: Signature of Transporter Representative:
Date of Shipment: ___/___/___ Time of Shipment: ____ : ____ (circle one) am/pm
Truck/Tractor Registration:
Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt: ___/___/___ Time of Receipt: ____ : ____ (circle one) am/pm
Load Size (cu. yds./tons):

LOAD 6: Signature of Transporter Representative:
Date of Shipment: ___/___/___ Time of Shipment: ____ : ____ (circle one) am/pm
Truck/Tractor Registration:
Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt: ___/___/___ Time of Receipt: ____ : ____ (circle one) am/pm
Load Size (cu. yds./tons):

LOAD 7: Signature of Transporter Representative:
Date of Shipment: ___/___/___ Time of Shipment: ____ : ____ (circle one) am/pm
Truck/Tractor Registration:
Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt: ___/___/___ Time of Receipt: ____ : ____ (circle one) am/pm
Load Size (cu. yds./tons):

J. LOG SHEET VOLUME INFORMATION:

Total Volume This Page (cu yds./tons): ____
Total Carried Forward (cu.yds./tons): ____
Total Carried Forward and This Page (cu yds./tons): ____

1004111NH T501

Massachusetts Department of Environmental Protection **BWSC-012B**
Bureau of Waste Site Cleanup

BILL OF LADING (pursuant to 310 CMR 40.0030)
LOG SHEET 1 **OF** 1

Release Tracking Number: ☐ - 1004111NH

I. LOAD INFORMATION:

LOAD 1: Signature of Transporter Representative: [signature]
Date of Shipment: 12/17/08 Time of Shipment: 7 : 25 (circle one) am/pm
Truck/Tractor Registration: 95176 3 ME Trailer Registration (if any): NH
Receiving Facility/Temporary Storage Representative: [signature]
Date of Receipt: 12/17/08 Time of Receipt: ____ : ____ (circle one) am/pm
Load Size (cu. yds./tons): ____

LOAD 2: Signature of Transporter Representative: ____
Date of Shipment: ___/___/___ Time of Shipment: ____ : ____ (circle one) am/pm
Truck/Tractor Registration: ____ Trailer Registration (if any): ____
Receiving Facility/Temporary Storage Representative: ____
Date of Receipt: ___/___/___ Time of Receipt: ____ : ____ (circle one) am/pm
Load Size (cu. yds./tons): ____

LOAD 3: Signature of Transporter Representative: ____
Date of Shipment: ___/___/___ Time of Shipment: ____ : ____ (circle one) am/pm
Truck/Tractor Registration: ____ Trailer Registration (if any): ____
Receiving Facility/Temporary Storage Representative: ____
Date of Receipt: ___/___/___ Time of Receipt: ____ : ____ (circle one) am/pm
Load Size (cu. yds./tons): ____

LOAD 4: Signature of Transporter Representative: ____
Date of Shipment: ___/___/___ Time of Shipment: ____ : ____ (circle one) am/pm
Truck/Tractor Registration: ____ Trailer Registration (if any): ____
Receiving Facility/Temporary Storage Representative: ____
Date of Receipt: ___/___/___ Time of Receipt: ____ : ____ (circle one) am/pm
Load Size (cu. yds./tons): ____

LOAD 5: Signature of Transporter Representative: ____
Date of Shipment: ___/___/___ Time of Shipment: ____ : ____ (circle one) am/pm
Truck/Tractor Registration: ____ Trailer Registration (if any): ____
Receiving Facility/Temporary Storage Representative: ____
Date of Receipt: ___/___/___ Time of Receipt: ____ : ____ (circle one) am/pm
Load Size (cu. yds./tons): ____

LOAD 6: Signature of Transporter Representative: ____
Date of Shipment: ___/___/___ Time of Shipment: ____ : ____ (circle one) am/pm
Truck/Tractor Registration: ____ Trailer Registration (if any): ____
Receiving Facility/Temporary Storage Representative: ____
Date of Receipt: ___/___/___ Time of Receipt: ____ : ____ (circle one) am/pm
Load Size (cu. yds./tons): ____

LOAD 7: Signature of Transporter Representative: ____
Date of Shipment: ___/___/___ Time of Shipment: ____ : ____ (circle one) am/pm
Truck/Tractor Registration: ____ Trailer Registration (if any): ____
Receiving Facility/Temporary Storage Representative: ____
Date of Receipt: ___/___/___ Time of Receipt: ____ : ____ (circle one) am/pm
Load Size (cu. yds./tons): ____

J. LOG SHEET VOLUME INFORMATION:

Total Volume This Page (cu yds./tons): ____
Total Carried Forward (cu.yds./tons): ____
Total Carried Forward and This Page (cu yds./tons): ____

CHA #
992058 T607

Massachusetts Department of Environmental Protection **BWSC-012B**
Bureau of Waste Site Cleanup

BILL OF LADING (pursuant to 310 CMR 40.0030)
LOG SHEET _____ OF _____

Release Tracking Number: ☐ - _____

I. LOAD INFORMATION:

LOAD 1: Signature of Transporter Representative: [signature]
Date of Shipment: 12/18/08 Time of Shipment: 12 : 29 (circle one) am/pm
Truck/Tractor Registration: 951765 ME Trailer Registration (if any): N/A

Receiving Facility/Temporary Storage Representative: [signature]
Date of Receipt: 12/18/08 Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 2: Signature of Transporter Representative: _____
Date of Shipment: ___/___/___ Time of Shipment: _____ : _____ (circle one) am/pm
Truck/Tractor Registration: _____ Trailer Registration (if any): _____

Receiving Facility/Temporary Storage Representative: _____
Date of Receipt: ___/___/___ Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 3: Signature of Transporter Representative: _____
Date of Shipment: ___/___/___ Time of Shipment: _____ : _____ (circle one) am/pm
Truck/Tractor Registration: _____ Trailer Registration (if any): _____

Receiving Facility/Temporary Storage Representative: _____
Date of Receipt: ___/___/___ Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 4: Signature of Transporter Representative: _____
Date of Shipment: ___/___/___ Time of Shipment: _____ : _____ (circle one) am/pm
Truck/Tractor Registration: _____ Trailer Registration (if any): _____

Receiving Facility/Temporary Storage Representative: _____
Date of Receipt: ___/___/___ Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 5: Signature of Transporter Representative: _____
Date of Shipment: ___/___/___ Time of Shipment: _____ : _____ (circle one) am/pm
Truck/Tractor Registration: _____ Trailer Registration (if any): _____

Receiving Facility/Temporary Storage Representative: _____
Date of Receipt: ___/___/___ Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 6: Signature of Transporter Representative: _____
Date of Shipment: ___/___/___ Time of Shipment: _____ : _____ (circle one) am/pm
Truck/Tractor Registration: _____ Trailer Registration (if any): _____

Receiving Facility/Temporary Storage Representative: _____
Date of Receipt: ___/___/___ Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 7: Signature of Transporter Representative: _____
Date of Shipment: ___/___/___ Time of Shipment: _____ : _____ (circle one) am/pm
Truck/Tractor Registration: _____ Trailer Registration (if any): _____

Receiving Facility/Temporary Storage Representative: _____
Date of Receipt: ___/___/___ Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

J. LOG SHEET VOLUME INFORMATION:

Total Volume This Page (cu yds./tons): _____
Total Carried Forward (cu.yds./tons): _____
Total Carried Forward and This Page (cu yds./tons): _____

Profile # 100411 NH

Massachusetts Department of Environmental Protection **BWSC-012B**
Bureau of Waste Site Cleanup

504

BILL OF LADING (pursuant to 310 CMR 40.0030)
LOG SHEET _____ **OF** _____

Release Tracking Number
3-26189

I. LOAD INFORMATION:

LOAD 1: Signature of Transporter Representative: Glen M. Tenney
Date of Shipment: 12/18/08 Time of Shipment: 2 : 30 (circle one) am/pm
Truck/Tractor Registration: 454291 / ME Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative: E Mon
Date of Receipt: 12/18/08 Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 2: Signature of Transporter Representative: Glen Tenney
Date of Shipment: 12/18/08 Time of Shipment: 10 : 00 (circle one) am/pm
Truck/Tractor Registration: 454291 / ME. Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative: E Mon
Date of Receipt: 12/19/08 Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 3: Signature of Transporter Representative: _____
Date of Shipment: ___ / ___ / ___ Time of Shipment: _____ : _____ (circle one) am/pm
Truck/Tractor Registration: _____ Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative: _____
Date of Receipt: ___ / ___ / ___ Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 4: Signature of Transporter Representative: _____
Date of Shipment: ___ / ___ / ___ Time of Shipment: _____ : _____ (circle one) am/pm
Truck/Tractor Registration: _____ Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative: _____
Date of Receipt: ___ / ___ / ___ Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 5: Signature of Transporter Representative: _____
Date of Shipment: ___ / ___ / ___ Time of Shipment: _____ : _____ (circle one) am/pm
Truck/Tractor Registration: _____ Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative: _____
Date of Receipt: ___ / ___ / ___ Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 6: Signature of Transporter Representative: _____
Date of Shipment: ___ / ___ / ___ Time of Shipment: _____ : _____ (circle one) am/pm
Truck/Tractor Registration: _____ Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative: _____
Date of Receipt: ___ / ___ / ___ Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 7: Signature of Transporter Representative: _____
Date of Shipment: ___ / ___ / ___ Time of Shipment: _____ : _____ (circle one) am/pm
Truck/Tractor Registration: _____ Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative: _____
Date of Receipt: ___ / ___ / ___ Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

J. LOG SHEET VOLUME INFORMATION:

Total Volume This Page (cu yds./tons): _____
Total Carried Forward (cu.yds./tons): _____
Total Carried Forward and This Page (cu yds./tons): _____

Profile # 100411-NH (SC)

Massachusetts Department of Environmental Protection **BWSC-012B**
Bureau of Waste Site Cleanup

BILL OF LADING (pursuant to 310 CMR 40.0030)
LOG SHEET ____ OF ____

Release Tracking Number: 3-26189

I. LOAD INFORMATION:

LOAD 1: Signature of Transporter Representative:

Date of Shipment: 12/12/08 Time of Shipment: 8 : 00 (circle one) am/pm

Truck/Tractor Registration: 954291 / ME. Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: 12/12/08 Time of Receipt: ___ : ___ (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 2: Signature of Transporter Representative:

Date of Shipment: 12/12/08 Time of Shipment: 10 : 45 (circle one) am/pm

Truck/Tractor Registration: 954291 / ME. Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: 12/12/08 Time of Receipt: ___ : ___ (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 3: Signature of Transporter Representative:

Date of Shipment: __/__/__ Time of Shipment: ___ : ___ (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: __/__/__ Time of Receipt: ___ : ___ (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 4: Signature of Transporter Representative:

Date of Shipment: __/__/__ Time of Shipment: ___ : ___ (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: __/__/__ Time of Receipt: ___ : ___ (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 5: Signature of Transporter Representative:

Date of Shipment: __/__/__ Time of Shipment: ___ : ___ (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: __/__/__ Time of Receipt: ___ : ___ (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 6: Signature of Transporter Representative:

Date of Shipment: __/__/__ Time of Shipment: ___ : ___ (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: __/__/__ Time of Receipt: ___ : ___ (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 7: Signature of Transporter Representative:

Date of Shipment: __/__/__ Time of Shipment: ___ : ___ (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: __/__/__ Time of Receipt: ___ : ___ (circle one) am/pm

Load Size (cu. yds./tons):

J. LOG SHEET VOLUME INFORMATION:

Total Volume This Page (cu.yds./tons):

Total Carried Forward (cu.yds./tons):

Total Carried Forward and This Page (cu.yds./tons):

Profile # 100411-NH

504

Massachusetts Department of Environmental Protection **BWSC-012B**

Bureau of Waste Site Cleanup

BILL OF LADING (pursuant to 310 CMR 40.0030)
LOG SHEET _____ OF _____

Release Tracking Number: 3-26189

I. LOAD INFORMATION:

LOAD 1: Signature of Transporter Representative: _____

Date of Shipment: 12/12/08 Time of Shipment: 5 : 00 (circle one) am/pm

Truck/Tractor Registration: 95929T / Me. Trailer Registration (if any): _____

Receiving Facility/Temporary Storage Representative: _____

Date of Receipt: 12/12/08 Time of Receipt: ____ : ____ (circle one) am/pm

Load Size (cu. yds./tons): _____

LOAD 2: Signature of Transporter Representative: _____

Date of Shipment: __/__/__ Time of Shipment: ____ : ____ (circle one) am/pm

Truck/Tractor Registration: _____ Trailer Registration (if any): _____

Receiving Facility/Temporary Storage Representative: _____

Date of Receipt: __/__/__ Time of Receipt: ____ : ____ (circle one) am/pm

Load Size (cu. yds./tons): _____

LOAD 3: Signature of Transporter Representative: _____

Date of Shipment: __/__/__ Time of Shipment: ____ : ____ (circle one) am/pm

Truck/Tractor Registration: _____ Trailer Registration (if any): _____

Receiving Facility/Temporary Storage Representative: _____

Date of Receipt: __/__/__ Time of Receipt: ____ : ____ (circle one) am/pm

Load Size (cu. yds./tons): _____

LOAD 4: Signature of Transporter Representative: _____

Date of Shipment: __/__/__ Time of Shipment: ____ : ____ (circle one) am/pm

Truck/Tractor Registration: _____ Trailer Registration (if any): _____

Receiving Facility/Temporary Storage Representative: _____

Date of Receipt: __/__/__ Time of Receipt: ____ : ____ (circle one) am/pm

Load Size (cu. yds./tons): _____

LOAD 5: Signature of Transporter Representative: _____

Date of Shipment: __/__/__ Time of Shipment: ____ : ____ (circle one) am/pm

Truck/Tractor Registration: _____ Trailer Registration (if any): _____

Receiving Facility/Temporary Storage Representative: _____

Date of Receipt: __/__/__ Time of Receipt: ____ : ____ (circle one) am/pm

Load Size (cu. yds./tons): _____

LOAD 6: Signature of Transporter Representative: _____

Date of Shipment: __/__/__ Time of Shipment: ____ : ____ (circle one) am/pm

Truck/Tractor Registration: _____ Trailer Registration (if any): _____

Receiving Facility/Temporary Storage Representative: _____

Date of Receipt: __/__/__ Time of Receipt: ____ : ____ (circle one) am/pm

Load Size (cu. yds./tons): _____

LOAD 7: Signature of Transporter Representative: _____

Date of Shipment: __/__/__ Time of Shipment: ____ : ____ (circle one) am/pm

Truck/Tractor Registration: _____ Trailer Registration (if any): _____

Receiving Facility/Temporary Storage Representative: _____

Date of Receipt: __/__/__ Time of Receipt: ____ : ____ (circle one) am/pm

Load Size (cu. yds./tons): _____

J. LOG SHEET VOLUME INFORMATION:

Total Volume This Page (cu.yds./tons): _____

Total Carried Forward (cu.yds./tons): _____

Total Carried Forward and This Page (cu.yds./tons): _____

1203

Massachusetts Department of Environmental Protection **BWSC-012B**
Bureau of Waste Site Cleanup

BILL OF LADING (pursuant to 310 CMR 40.0030)
LOG SHEET ____ OF ____

Release Tracking Number: ____ - ____

I. LOAD INFORMATION:

LOAD 1: Signature of Transporter Representative: Steph Soltero

Receiving Facility/Temporary Storage Representative:

Date of Shipment: 12/12/08 Time of Shipment: 9 : 45 (circle one) am/pm

Date of Receipt: 12/15/08 Time of Receipt: ___ : ___ (circle one) am/pm

Truck/Tractor Registration: ME 952889 Trailer Registration (if any):

Load Size (cu. yds./tons):

Prof # 100411 NH

LOAD 2: Signature of Transporter Representative:

Receiving Facility/Temporary Storage Representative:

Date of Shipment: __/__/__ Time of Shipment: ___ : ___ (circle one) am/pm

Date of Receipt: __/__/__ Time of Receipt: ___ : ___ (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Load Size (cu. yds./tons):

LOAD 3: Signature of Transporter Representative:

Receiving Facility/Temporary Storage Representative:

Date of Shipment: __/__/__ Time of Shipment: ___ : ___ (circle one) am/pm

Date of Receipt: __/__/__ Time of Receipt: ___ : ___ (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Load Size (cu. yds./tons):

LOAD 4: Signature of Transporter Representative:

Receiving Facility/Temporary Storage Representative:

Date of Shipment: __/__/__ Time of Shipment: ___ : ___ (circle one) am/pm

Date of Receipt: __/__/__ Time of Receipt: ___ : ___ (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Load Size (cu. yds./tons):

LOAD 5: Signature of Transporter Representative:

Receiving Facility/Temporary Storage Representative:

Date of Shipment: __/__/__ Time of Shipment: ___ : ___ (circle one) am/pm

Date of Receipt: __/__/__ Time of Receipt: ___ : ___ (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Load Size (cu. yds./tons):

LOAD 6: Signature of Transporter Representative:

Receiving Facility/Temporary Storage Representative:

Date of Shipment: __/__/__ Time of Shipment: ___ : ___ (circle one) am/pm

Date of Receipt: __/__/__ Time of Receipt: ___ : ___ (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Load Size (cu. yds./tons):

LOAD 7: Signature of Transporter Representative:

Receiving Facility/Temporary Storage Representative:

Date of Shipment: __/__/__ Time of Shipment: ___ : ___ (circle one) am/pm

Date of Receipt: __/__/__ Time of Receipt: ___ : ___ (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Load Size (cu. yds./tons):

J. LOG SHEET VOLUME INFORMATION:

Total Volume This Page (cu.yds./tons):

Total Carried Forward (cu.yds./tons):

Total Carried Forward and This Page (cu.yds./tons):

100411 NH 504

Massachusetts Department of Environmental Protection **BWSC-012B**
Bureau of Waste Site Cleanup

BILL OF LADING (pursuant to 310 CMR 40.0030)
LOG SHEET ____ OF ____

Release Tracking Number: 3-26189

I. LOAD INFORMATION:

LOAD 1: Signature of Transporter Representative: [signature]
Date of Shipment: 12/1/05 Time of Shipment: 10:00 (circle one) am/pm
Truck/Tractor Registration: 954291 / ME Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative: [signature]
Date of Receipt: 12/1/05 Time of Receipt: __:__ (circle one) am/pm
Load Size (cu. yds./tons):

LOAD 2: Signature of Transporter Representative:
Date of Shipment: __/__/__ Time of Shipment: __:__ (circle one) am/pm
Truck/Tractor Registration: Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt: __/__/__ Time of Receipt: __:__ (circle one) am/pm
Load Size (cu. yds./tons):

LOAD 3: Signature of Transporter Representative:
Date of Shipment: __/__/__ Time of Shipment: __:__ (circle one) am/pm
Truck/Tractor Registration: Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt: __/__/__ Time of Receipt: __:__ (circle one) am/pm
Load Size (cu. yds./tons):

LOAD 4: Signature of Transporter Representative:
Date of Shipment: __/__/__ Time of Shipment: __:__ (circle one) am/pm
Truck/Tractor Registration: Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt: __/__/__ Time of Receipt: __:__ (circle one) am/pm
Load Size (cu. yds./tons):

LOAD 5: Signature of Transporter Representative:
Date of Shipment: __/__/__ Time of Shipment: __:__ (circle one) am/pm
Truck/Tractor Registration: Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt: __/__/__ Time of Receipt: __:__ (circle one) am/pm
Load Size (cu. yds./tons):

LOAD 6: Signature of Transporter Representative:
Date of Shipment: __/__/__ Time of Shipment: __:__ (circle one) am/pm
Truck/Tractor Registration: Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt: __/__/__ Time of Receipt: __:__ (circle one) am/pm
Load Size (cu. yds./tons):

LOAD 7: Signature of Transporter Representative:
Date of Shipment: __/__/__ Time of Shipment: __:__ (circle one) am/pm
Truck/Tractor Registration: Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt: __/__/__ Time of Receipt: __:__ (circle one) am/pm
Load Size (cu. yds./tons):

J. LOG SHEET VOLUME INFORMATION:

Total Volume This Page (cu.yds./tons):
Total Carried Forward (cu.yds./tons):
Total Carried Forward and This Page (cu.yds./tons):

Profile # 100411 NH

Massachusetts Department of Environmental Protection **BWSC-012B**

Bureau of Waste Site Cleanup

BILL OF LADING (pursuant to 310 CMR 40.0030)
LOG SHEET _____ **OF** _____

504

Release Tracking Number: 3-26189

I. LOAD INFORMATION:

LOAD 1: Signature of Transporter Representative: [signature]
Date of Shipment: 12/16/08 Time of Shipment: 2 : 30 (circle one) am/pm
Truck/Tractor Registration: 454291 Me. Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative: [signature]
Date of Receipt: 12/17/08 Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 2: Signature of Transporter Representative: [signature]
Date of Shipment: 12/17/08 Time of Shipment: 10 : 00 (circle one) am/pm
Truck/Tractor Registration: 454291 Me Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative: [signature]
Date of Receipt: 12/17/08 Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 3: Signature of Transporter Representative: _____
Date of Shipment: ___/___/___ Time of Shipment: _____ : _____ (circle one) am/pm
Truck/Tractor Registration: _____ Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative: _____
Date of Receipt: ___/___/___ Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 4: Signature of Transporter Representative: _____
Date of Shipment: ___/___/___ Time of Shipment: _____ : _____ (circle one) am/pm
Truck/Tractor Registration: _____ Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative: _____
Date of Receipt: ___/___/___ Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 5: Signature of Transporter Representative: _____
Date of Shipment: ___/___/___ Time of Shipment: _____ : _____ (circle one) am/pm
Truck/Tractor Registration: _____ Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative: _____
Date of Receipt: ___/___/___ Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 6: Signature of Transporter Representative: _____
Date of Shipment: ___/___/___ Time of Shipment: _____ : _____ (circle one) am/pm
Truck/Tractor Registration: _____ Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative: _____
Date of Receipt: ___/___/___ Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 7: Signature of Transporter Representative: _____
Date of Shipment: ___/___/___ Time of Shipment: _____ : _____ (circle one) am/pm
Truck/Tractor Registration: _____ Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative: _____
Date of Receipt: ___/___/___ Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

J. LOG SHEET VOLUME INFORMATION:

Total Volume This Page (cu yds./tons): _____
Total Carried Forward (cu.yds./tons): _____
Total Carried Forward and This Page (cu yds./tons): _____

Profile 100411 NH

504

Massachusetts Department of Environmental Protection **BWSC-012B**
Bureau of Waste Site Cleanup

BILL OF LADING (pursuant to 310 CMR 40.0030)
LOG SHEET _____ **OF** _____

Release Tracking Number
3-26189

I. LOAD INFORMATION:

LOAD 1: Signature of Transporter Representative: Glen Toomey
Date of Shipment: 12/15/08 Time of Shipment: 2:03 (circle one) am/pm
Truck/Tractor Registration: 954291 / ME. Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative: _____
Date of Receipt: 12/16/08 Time of Receipt: _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 2: Signature of Transporter Representative: Glen Toomey
Date of Shipment: 12/16/08 Time of Shipment: 10:00 (circle one) am/pm
Truck/Tractor Registration: 954291 / ME. Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative: _____
Date of Receipt: 12/16/08 Time of Receipt: _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 3: Signature of Transporter Representative: _____
Date of Shipment: ___/___/___ Time of Shipment: _____ (circle one) am/pm
Truck/Tractor Registration: _____ Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative: _____
Date of Receipt: ___/___/___ Time of Receipt: _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 4: Signature of Transporter Representative: _____
Date of Shipment: ___/___/___ Time of Shipment: _____ (circle one) am/pm
Truck/Tractor Registration: _____ Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative: _____
Date of Receipt: ___/___/___ Time of Receipt: _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 5: Signature of Transporter Representative: _____
Date of Shipment: ___/___/___ Time of Shipment: _____ (circle one) am/pm
Truck/Tractor Registration: _____ Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative: _____
Date of Receipt: ___/___/___ Time of Receipt: _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 6: Signature of Transporter Representative: _____
Date of Shipment: ___/___/___ Time of Shipment: _____ (circle one) am/pm
Truck/Tractor Registration: _____ Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative: _____
Date of Receipt: ___/___/___ Time of Receipt: _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 7: Signature of Transporter Representative: _____
Date of Shipment: ___/___/___ Time of Shipment: _____ (circle one) am/pm
Truck/Tractor Registration: _____ Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative: _____
Date of Receipt: ___/___/___ Time of Receipt: _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

J. LOG SHEET VOLUME INFORMATION:

Total Volume This Page (cu.yds./tons): _____
Total Carried Forward (cu.yds./tons): _____
Total Carried Forward and This Page (cu.yds./tons): _____

Profile

100411 NH

504

Massachusetts Department of Environmental Protection **BWSC-012B**

Bureau of Waste Site Cleanup

BILL OF LADING (pursuant to 310 CMR 40.0030)

LOG SHEET ____ OF ____

Release Tracking Number: 3-26159

I. LOAD INFORMATION:

LOAD 1: Signature of Transporter Representative: [signature]

Date of Shipment: 12/15/08 Time of Shipment: 10 : 00 (circle one) am/pm

Truck/Tractor Registration: 954291 / ME Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative: [signature]

Date of Receipt: 12/15/08 Time of Receipt: __ : __ (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 2: Signature of Transporter Representative:

Date of Shipment: __/__/__ Time of Shipment: __ : __ (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: __/__/__ Time of Receipt: __ : __ (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 3: Signature of Transporter Representative:

Date of Shipment: __/__/__ Time of Shipment: __ : __ (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: __/__/__ Time of Receipt: __ : __ (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 4: Signature of Transporter Representative:

Date of Shipment: __/__/__ Time of Shipment: __ : __ (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: __/__/__ Time of Receipt: __ : __ (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 5: Signature of Transporter Representative:

Date of Shipment: __/__/__ Time of Shipment: __ : __ (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: __/__/__ Time of Receipt: __ : __ (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 6: Signature of Transporter Representative:

Date of Shipment: __/__/__ Time of Shipment: __ : __ (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: __/__/__ Time of Receipt: __ : __ (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 7: Signature of Transporter Representative:

Date of Shipment: __/__/__ Time of Shipment: __ : __ (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: __/__/__ Time of Receipt: __ : __ (circle one) am/pm

Load Size (cu. yds./tons):

J. LOG SHEET VOLUME INFORMATION:

Total Volume This Page (cu.yds./tons):

Total Carried Forward (cu.yds./tons):

Total Carried Forward and This Page (cu.yds./tons):

503

/0004114/4

Massachusetts Department of Environmental Protection **BWSC-012B**

Bureau of Waste Site Cleanup

BILL OF LADING (pursuant to 310 CMR 40.0030)

LOG SHEET ____ OF ____

Release Tracking Number: ____ - ____

I. LOAD INFORMATION:

LOAD 1: Signature of Transporter Representative: [signature]

Date of Shipment: 1/13/09 Time of Shipment: 8:31 (circle one) am/pm

Truck/Tractor Registration: ME 851889 Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative: [signature]

Date of Receipt: 1/13/09 Time of Receipt: ____ : ____ (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 2: Signature of Transporter Representative:

Date of Shipment: ___ / ___ / ___ Time of Shipment: ____ : ____ (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: ___ / ___ / ___ Time of Receipt: ____ : ____ (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 3: Signature of Transporter Representative:

Date of Shipment: ___ / ___ / ___ Time of Shipment: ____ : ____ (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative

Date of Receipt: ___ / ___ / ___ Time of Receipt: ____ : ____ (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 4: Signature of Transporter Representative:

Date of Shipment: ___ / ___ / ___ Time of Shipment: ____ : ____ (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative

Date of Receipt: ___ / ___ / ___ Time of Receipt: ____ : ____ (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 5: Signature of Transporter Representative:

Date of Shipment: ___ / ___ / ___ Time of Shipment: ____ : ____ (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: ___ / ___ / ___ Time of Receipt: ____ : ____ (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 6: Signature of Transporter Representative:

Date of Shipment: ___ / ___ / ___ Time of Shipment: ____ : ____ (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: ___ / ___ / ___ Time of Receipt: ____ : ____ (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 7: Signature of Transporter Representative

Date of Shipment: ___ / ___ / ___ Time of Shipment: ____ : ____ (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative

Date of Receipt: ___ / ___ / ___ Time of Receipt: ____ : ____ (circle one) am/pm

Load Size (cu. yds./tons):

J. LOG SHEET VOLUME INFORMATION:

Total Volume This Page (cu yds./tons): ____

Total Carried Forward (cu.yds./tons): ____

Total Carried Forward and This Page (cu. yds./tons): ____

032016 K

10041 MA
Profile # 584

Massachusetts Department of Environmental Protection **BWSC-012B**
Bureau of Waste Site Cleanup

BILL OF LADING (pursuant to 310 CMR 40.0030)
LOG SHEET ____ OF ____

Release Tracking Number: 3-26189

I. LOAD INFORMATION:

LOAD 1: Signature of Transporter Representative: Glen Tomey
Date of Shipment: 12/5/08 Time of Shipment: 8:00 (circle one) am/pm
Truck/Tractor Registration: 95291 / ME. Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt: 12/5/08 Time of Receipt: __:__ (circle one) am/pm
Load Size (cu. yds./tons):

LOAD 2: Signature of Transporter Representative:
Date of Shipment: 12/5/08 Time of Shipment: 2:00 (circle one) am/pm
Truck/Tractor Registration: 95291 / ME. Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt: 12/5/08 Time of Receipt: __:__ (circle one) am/pm
Load Size (cu. yds./tons):

LOAD 3: Signature of Transporter Representative:
Date of Shipment: 12/__/08 Time of Shipment: 10:00 (circle one) am/pm
Truck/Tractor Registration: 95291 / ME. Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt: __/__/__ Time of Receipt: __:__ (circle one) am/pm
Load Size (cu. yds./tons):

LOAD 4: Signature of Transporter Representative:
Date of Shipment: __/__/__ Time of Shipment: __:__ (circle one) am/pm
Truck/Tractor Registration: Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt: __/__/__ Time of Receipt: __:__ (circle one) am/pm
Load Size (cu. yds./tons):

LOAD 5: Signature of Transporter Representative:
Date of Shipment: __/__/__ Time of Shipment: __:__ (circle one) am/pm
Truck/Tractor Registration: Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt: __/__/__ Time of Receipt: __:__ (circle one) am/pm
Load Size (cu. yds./tons):

LOAD 6: Signature of Transporter Representative:
Date of Shipment: __/__/__ Time of Shipment: __:__ (circle one) am/pm
Truck/Tractor Registration: Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt: __/__/__ Time of Receipt: __:__ (circle one) am/pm
Load Size (cu. yds./tons):

LOAD 7: Signature of Transporter Representative:
Date of Shipment: __/__/__ Time of Shipment: __:__ (circle one) am/pm
Truck/Tractor Registration: Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt: __/__/__ Time of Receipt: __:__ (circle one) am/pm
Load Size (cu. yds./tons):

J. LOG SHEET VOLUME INFORMATION:

Total Volume This Page (cu.yds./tons):
Total Carried Forward (cu.yds./tons):
Total Carried Forward and This Page (cu.yds./tons):

160411 NH 521

Massachusetts Department of Environmental Protection **BWSC-012B**
Bureau of Waste Site Cleanup

BILL OF LADING (pursuant to 310 CMR 40.0030)
LOG SHEET _____ OF _____

Release Tracking Number: 3-26189

I. LOAD INFORMATION:

LOAD 1: Signature of Transporter Representative: [signature]
Date of Shipment: 12/8/08 Time of Shipment: 10 : 00 (circle one) am/pm
Truck/Tractor Registration: 95241 / ME Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative: [signature]
Date of Receipt: 12/8/08 Time of Receipt: __ : __ (circle one) am/pm
Load Size (cu. yds./tons):

LOAD 2: Signature of Transporter Representative: [signature]
Date of Shipment: 12/8/08 Time of Shipment: 2 :00 (circle one) am/pm
Truck/Tractor Registration: 95241 Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative: [signature]
Date of Receipt: 12/8/08 Time of Receipt: __ : __ (circle one) am/pm
Load Size (cu. yds./tons):

LOAD 3: Signature of Transporter Representative:
Date of Shipment: __/__/__ Time of Shipment: __ : __ (circle one) am/pm
Truck/Tractor Registration: Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt: __/__/__ Time of Receipt: __ : __ (circle one) am/pm
Load Size (cu. yds./tons):

LOAD 4: Signature of Transporter Representative:
Date of Shipment: __/__/__ Time of Shipment: __ : __ (circle one) am/pm
Truck/Tractor Registration: Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt: __/__/__ Time of Receipt: __ : __ (circle one) am/pm
Load Size (cu. yds./tons):

LOAD 5: Signature of Transporter Representative:
Date of Shipment: __/__/__ Time of Shipment: __ : __ (circle one) am/pm
Truck/Tractor Registration: Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt: __/__/__ Time of Receipt: __ : __ (circle one) am/pm
Load Size (cu. yds./tons):

LOAD 6: Signature of Transporter Representative:
Date of Shipment: __/__/__ Time of Shipment: __ : __ (circle one) am/pm
Truck/Tractor Registration: Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt: __/__/__ Time of Receipt: __ : __ (circle one) am/pm
Load Size (cu. yds./tons):

LOAD 7: Signature of Transporter Representative:
Date of Shipment: __/__/__ Time of Shipment: __ : __ (circle one) am/pm
Truck/Tractor Registration: Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:
Date of Receipt: __/__/__ Time of Receipt: __ : __ (circle one) am/pm
Load Size (cu. yds./tons):

J. LOG SHEET VOLUME INFORMATION:

Total Volume This Page (cu.yds./tons):
Total Carried Forward (cu.yds./tons):
Total Carried Forward and This Page (cu.yds./tons):

100411 NH 504

Massachusetts Department of Environmental Protection **BWSC-012B**
Bureau of Waste Site Cleanup

BILL OF LADING (pursuant to 310 CMR 40.0030)
LOG SHEET ____ **OF** ____

Release Tracking Number: ☐ - ____

I. LOAD INFORMATION:

LOAD 1: Signature of Transporter Representative: [signature]
Date of Shipment: 12/9/08 Time of Shipment: 11:45 (circle one) am/pm
Truck/Tractor Registration: 459291 / Me. Trailer Registration (if any): ____

Receiving Facility/Temporary Storage Representative: [signature]
Date of Receipt: 12/9/08 Time of Receipt: ____ : ____ (circle one) am/pm
Load Size (cu. yds./tons): ____

LOAD 2: Signature of Transporter Representative: ____
Date of Shipment: ___/___/___ Time of Shipment: ____ : ____ (circle one) am/pm
Truck/Tractor Registration: ____ Trailer Registration (if any): ____

Receiving Facility/Temporary Storage Representative: ____
Date of Receipt: ___/___/___ Time of Receipt: ____ : ____ (circle one) am/pm
Load Size (cu. yds./tons): ____

LOAD 3: Signature of Transporter Representative: ____
Date of Shipment: ___/___/___ Time of Shipment: ____ : ____ (circle one) am/pm
Truck/Tractor Registration: ____ Trailer Registration (if any): ____

Receiving Facility/Temporary Storage Representative: ____
Date of Receipt: ___/___/___ Time of Receipt: ____ : ____ (circle one) am/pm
Load Size (cu. yds./tons): ____

LOAD 4: Signature of Transporter Representative: ____
Date of Shipment: ___/___/___ Time of Shipment: ____ : ____ (circle one) am/pm
Truck/Tractor Registration: ____ Trailer Registration (if any): ____

Receiving Facility/Temporary Storage Representative: ____
Date of Receipt: ___/___/___ Time of Receipt: ____ : ____ (circle one) am/pm
Load Size (cu. yds./tons): ____

LOAD 5: Signature of Transporter Representative: ____
Date of Shipment: ___/___/___ Time of Shipment: ____ : ____ (circle one) am/pm
Truck/Tractor Registration: ____ Trailer Registration (if any): ____

Receiving Facility/Temporary Storage Representative: ____
Date of Receipt: ___/___/___ Time of Receipt: ____ : ____ (circle one) am/pm
Load Size (cu. yds./tons): ____

LOAD 6: Signature of Transporter Representative: ____
Date of Shipment: ___/___/___ Time of Shipment: ____ : ____ (circle one) am/pm
Truck/Tractor Registration: ____ Trailer Registration (if any): ____

Receiving Facility/Temporary Storage Representative: ____
Date of Receipt: ___/___/___ Time of Receipt: ____ : ____ (circle one) am/pm
Load Size (cu. yds./tons): ____

LOAD 7: Signature of Transporter Representative: ____
Date of Shipment: ___/___/___ Time of Shipment: ____ : ____ (circle one) am/pm
Truck/Tractor Registration: ____ Trailer Registration (if any): ____

Receiving Facility/Temporary Storage Representative: ____
Date of Receipt: ___/___/___ Time of Receipt: ____ : ____ (circle one) am/pm
Load Size (cu. yds./tons): ____

J. LOG SHEET VOLUME INFORMATION:

Total Volume This Page (cu.yds./tons): ____
Total Carried Forward (cu.yds./tons): ____
Total Carried Forward and This Page (cu.yds./tons): ____

TS81

Massachusetts Department of Environmental Protection **BWSC-012B**
Bureau of Waste Site Cleanup

BILL OF LADING (pursuant to 310 CMR 40.0030)
LOG SHEET _____ **OF** _____

Release Tracking Number: 1024 / NH 3 - 26189

I. LOAD INFORMATION:

LOAD 1: Signature of Transporter Representative: GLEN TOOMEY / George Harrison
Date of Shipment: 12/9/08 Time of Shipment: 8 : 30 (circle one) am/pm
Truck/Tractor Registration: 954291 / ME 95176 Trailer Registration (if any): —
Receiving Facility/Temporary Storage Representative:
Date of Receipt: 12/9/08 Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 2: Signature of Transporter Representative: George Harrison
Date of Shipment: 12/9/08 Time of Shipment: 1 : 30 (circle one) am/pm
Truck/Tractor Registration: ME 95176 Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative:
Date of Receipt: 12/9/08 Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 3: Signature of Transporter Representative: _____
Date of Shipment: ___/___/___ Time of Shipment: _____ : _____ (circle one) am/pm
Truck/Tractor Registration: _____ Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative: _____
Date of Receipt: ___/___/___ Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 4: Signature of Transporter Representative: _____
Date of Shipment: ___/___/___ Time of Shipment: _____ : _____ (circle one) am/pm
Truck/Tractor Registration: _____ Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative: _____
Date of Receipt: ___/___/___ Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 5: Signature of Transporter Representative: _____
Date of Shipment: ___/___/___ Time of Shipment: _____ : _____ (circle one) am/pm
Truck/Tractor Registration: _____ Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative: _____
Date of Receipt: ___/___/___ Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 6: Signature of Transporter Representative: _____
Date of Shipment: ___/___/___ Time of Shipment: _____ : _____ (circle one) am/pm
Truck/Tractor Registration: _____ Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative: _____
Date of Receipt: ___/___/___ Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 7: Signature of Transporter Representative: _____
Date of Shipment: ___/___/___ Time of Shipment: _____ : _____ (circle one) am/pm
Truck/Tractor Registration: _____ Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative: _____
Date of Receipt: ___/___/___ Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

J. LOG SHEET VOLUME INFORMATION:

Total Volume This Page (cu.yds./tons): _____
Total Carried Forward (cu.yds./tons): _____
Total Carried Forward and This Page (cu.yds./tons): _____

Profile # 100411-NH 584

Massachusetts Department of Environmental Protection **BWSC-012B**
Bureau of Waste Site Cleanup

BILL OF LADING (pursuant to 310 CMR 40.0030)
LOG SHEET ____ OF ____

Release Tracking Number: 3-26189

I. LOAD INFORMATION:

LOAD 1: Signature of Transporter Representative:

Date of Shipment: 12/9/08 Time of Shipment: 4:00 (circle one) am/pm

Truck/Tractor Registration: 95291 ME Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: 12/10/08 Time of Receipt: __:__ (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 2: Signature of Transporter Representative:

Date of Shipment: 12/10/08 Time of Shipment: 10:00 (circle one) am/pm

Truck/Tractor Registration: 95291 ME. Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: 12/10/08 Time of Receipt: __:__ (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 3: Signature of Transporter Representative:

Date of Shipment: __/__/__ Time of Shipment: __:__ (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: __/__/__ Time of Receipt: __:__ (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 4: Signature of Transporter Representative:

Date of Shipment: __/__/__ Time of Shipment: __:__ (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: __/__/__ Time of Receipt: __:__ (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 5: Signature of Transporter Representative:

Date of Shipment: __/__/__ Time of Shipment: __:__ (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: __/__/__ Time of Receipt: __:__ (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 6: Signature of Transporter Representative:

Date of Shipment: __/__/__ Time of Shipment: __:__ (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: __/__/__ Time of Receipt: __:__ (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 7: Signature of Transporter Representative:

Date of Shipment: __/__/__ Time of Shipment: __:__ (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: __/__/__ Time of Receipt: __:__ (circle one) am/pm

Load Size (cu. yds./tons):

J. LOG SHEET VOLUME INFORMATION:

Total Volume This Page (cu yds./tons):

Total Carried Forward (cu yds./tons):

Total Carried Forward and This Page (cu yds./tons):

Profile #
100411 NH

Massachusetts Department of Environmental Protection **BWSC-012B**
Bureau of Waste Site Cleanup

BILL OF LADING (pursuant to 310 CMR 40.0030)
LOG SHEET _____ **OF** _____

Release Tracking Number: 3-26189

I. LOAD INFORMATION:

LOAD 1: Signature of Transporter Representative: [signature]
Date of Shipment: 12/11/08 Time of Shipment: 5 : 00 (circle one) am/pm
Truck/Tractor Registration: 954291 Me. Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative: [signature]
Date of Receipt: 12/11/08 Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 2: Signature of Transporter Representative: [signature]
Date of Shipment: 12/11/08 Time of Shipment: 10 : 00 (circle one) am/pm
Truck/Tractor Registration: 954291 Me. Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative: [signature]
Date of Receipt: 12/11/08 Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 3: Signature of Transporter Representative: _____
Date of Shipment: ___/___/___ Time of Shipment: _____ : _____ (circle one) am/pm
Truck/Tractor Registration: _____ Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative: _____
Date of Receipt: ___/___/___ Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 4: Signature of Transporter Representative: _____
Date of Shipment: ___/___/___ Time of Shipment: _____ : _____ (circle one) am/pm
Truck/Tractor Registration: _____ Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative: _____
Date of Receipt: ___/___/___ Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 5: Signature of Transporter Representative: _____
Date of Shipment: ___/___/___ Time of Shipment: _____ : _____ (circle one) am/pm
Truck/Tractor Registration: _____ Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative: _____
Date of Receipt: ___/___/___ Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 6: Signature of Transporter Representative: _____
Date of Shipment: ___/___/___ Time of Shipment: _____ : _____ (circle one) am/pm
Truck/Tractor Registration: _____ Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative: _____
Date of Receipt: ___/___/___ Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

LOAD 7: Signature of Transporter Representative: _____
Date of Shipment: ___/___/___ Time of Shipment: _____ : _____ (circle one) am/pm
Truck/Tractor Registration: _____ Trailer Registration (if any): _____
Receiving Facility/Temporary Storage Representative: _____
Date of Receipt: ___/___/___ Time of Receipt: _____ : _____ (circle one) am/pm
Load Size (cu. yds./tons): _____

J. LOG SHEET VOLUME INFORMATION:

Total Volume This Page (cu.yds./tons): _____
Total Carried Forward (cu.yds./tons): _____
Total Carried Forward and This Page (cu.yds./tons): _____

504 ALL

100411 NH

Massachusetts Department of Environmental Protection **BWSC-012B**

Bureau of Waste Site Cleanup

BILL OF LADING (pursuant to 310 CMR 40.0030)

LOG SHEET _____ **OF** _____

Release Tracking Number: 3-26189

I. LOAD INFORMATION:

LOAD 1: Signature of Transporter Representative: [signature]

Date of Shipment: 12/22/08 Time of Shipment: 7 : 05 (circle one) am/pm

Truck/Tractor Registration: 95429 ME Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative: [signature]

Date of Receipt: 12/22/08 Time of Receipt: ___ : ___ (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 2: Signature of Transporter Representative: [signature]

Date of Shipment: 12/22/08 Time of Shipment: 1 : 50 (circle one) am/pm

Truck/Tractor Registration: 95429 ME Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative: [signature]

Date of Receipt: 12/22/08 Time of Receipt: ___ : ___ (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 3: Signature of Transporter Representative:

Date of Shipment: ___ / ___ / ___ Time of Shipment: ___ : ___ (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: ___ / ___ / ___ Time of Receipt: ___ : ___ (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 4: Signature of Transporter Representative:

Date of Shipment: ___ / ___ / ___ Time of Shipment: ___ : ___ (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: ___ / ___ / ___ Time of Receipt: ___ : ___ (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 5: Signature of Transporter Representative:

Date of Shipment: ___ / ___ / ___ Time of Shipment: ___ : ___ (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: ___ / ___ / ___ Time of Receipt: ___ : ___ (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 6: Signature of Transporter Representative:

Date of Shipment: ___ / ___ / ___ Time of Shipment ___ : ___ (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: ___ / ___ / ___ Time of Receipt: ___ : ___ (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 7: Signature of Transporter Representative:

Date of Shipment: ___ / ___ / ___ Time of Shipment: ___ : ___ (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: ___ / ___ / ___ Time of Receipt: ___ : ___ (circle one) am/pm

Load Size (cu. yds./tons):

J. LOG SHEET VOLUME INFORMATION:

Total Volume This Page (cu yds./tons) _____

Total Carried Forward (cu.yds./tons): _____

Total Carried Forward and This Page (cu yds./tons): _____

Profile

100411 NH

584

Massachusetts Department of Environmental Protection **BWSC-012B**

Bureau of Waste Site Cleanup

BILL OF LADING (pursuant to 310 CMR 40.0030)
LOG SHEET _____ **OF** _____

Release Tracking Number: 3-26184

I. LOAD INFORMATION:

LOAD 1: Signature of Transporter Representative:

Date of Shipment: 12/23/08 Time of Shipment: 8 : 00 (circle one) am/pm

Truck/Tractor Registration: 45791 ME. Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: 12/23/08 Time of Receipt: _____ : _____ (circle one) am/pm

Load Size (cu. yds./tons): _____

LOAD 2: Signature of Transporter Representative:

Date of Shipment: 12/23/08 Time of Shipment: 2 : 30 (circle one) am/pm

Truck/Tractor Registration: 45791 ME Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: 12/24/08 Time of Receipt: _____ : _____ (circle one) am/pm

Load Size (cu. yds./tons): _____

LOAD 3: Signature of Transporter Representative:

Date of Shipment: ___ / ___ / ___ Time of Shipment: _____ : _____ (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: ___ / ___ / ___ Time of Receipt: _____ : _____ (circle one) am/pm

Load Size (cu. yds./tons): _____

LOAD 4: Signature of Transporter Representative:

Date of Shipment: ___ / ___ / ___ Time of Shipment: _____ : _____ (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: ___ / ___ / ___ Time of Receipt: _____ : _____ (circle one) am/pm

Load Size (cu. yds./tons): _____

LOAD 5: Signature of Transporter Representative:

Date of Shipment: ___ / ___ / ___ Time of Shipment: _____ : _____ (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: ___ / ___ / ___ Time of Receipt: _____ : _____ (circle one) am/pm

Load Size (cu. yds./tons): _____

LOAD 6: Signature of Transporter Representative:

Date of Shipment: ___ / ___ / ___ Time of Shipment: _____ : _____ (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: ___ / ___ / ___ Time of Receipt: _____ : _____ (circle one) am/pm

Load Size (cu. yds./tons): _____

LOAD 7: Signature of Transporter Representative:

Date of Shipment: ___ / ___ / ___ Time of Shipment: _____ : _____ (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: ___ / ___ / ___ Time of Receipt: _____ : _____ (circle one) am/pm

Load Size (cu. yds./tons): _____

J. LOG SHEET VOLUME INFORMATION:

Total Volume This Page (cu yds./tons) _____

Total Carried Forward (cu yds./tons): _____

Total Carried Forward and This Page (cu yds./tons): _____

100411NH

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-012C

BILL OF LADING (pursuant to 310 CMR 40.0030)

SUMMARY SHEET 1 OF 1

Release Tracking Number: 3 - 26189

K. SUMMARY OF SHIPMENTS:

Date of Shipment:	Date of Receipt:	Number of Loads Shipped:	Daily Volume Shipped (cu. yds./tons):
12/02/2008	12/02/2008	2	30.99
12/03/2008	12/03/2008	2	28.53
12/04/2008	12/04/2008	2	33.89
12/05/2008	12/05/2008	2	41.35
12/08/2008	12/08/2008	3	55.64
12/09/2008	12/09/2008	3	61.24
12/10/2008	12/10/2008	2	33.67
12/11/2008	12/11/2008	2	31.88
12/12/2008	12/12/2008	3	56.06
12/15/2008	12/15/2008	1	18.87
12/16/2008	12/16/2008	2	37.17
12/17/2008	12/17/2008	2	35.53
12/18/2008	12/18/2008	2	30.95
12/19/2008	12/19/2008	3	57.46
12/22/2008	12/22/2008	2	31.55
12/23/2008	12/23/2008	1	18.98
12/24/2008	12/24/2008	1	12.54
12/30/2008	12/30/2008	2	42.31
01/13/2009	01/13/2009	1	15.38
Summary Sheet Total Shipped:		38 shipments	673.99 tons
Bill of Lading Total Shipped (only if different):			

Revised 10/3/94

100411NH

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-012C

BILL OF LADING (pursuant to 310 CMR 40.0030

SUMMARY SHEET

Release Tracking Number
3 - 26189

ONLY COMPLETE ONE COPY OF THIS PAGE AND ATTACH TO THE FINAL COPY OF THE SUMMARY SHEET.

L. ACKNOWLEDGMENT OF RECEIPT OF REMEDIATION WASTE AT RECEIVING FACILITY OR TEMPORARY STORAGE:

Receiving Facility/Temporary Storage Representative (print): Ellen Bellio

Title: Approval Manager

Signature: Ellen Bellio

Date: February 19, 2009

M. ACKNOWLEDGMENT OF SHIPMENT AND RECEIPT OF REMEDIATION WASTE BY PERSON CONDUCTING RESPONSE ACTION ASSOCIATED WITH THIS BILL OF LADING:

I certify under penalties of law that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this certification, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in herein is, to the best of my knowledge and belief, true, accurate and complete, I am aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

Signature: _____ Date: _____

Name of Person (print): _____

APPENDIX E: DATA VALIDATION SUMMARIES

WESTGATE PCB BALCONY CHARACTERIZATION SAMPLES - PROJECT SUMMARY

Analytics Environmental Laboratory Job Numbers: 62268, 62273, 62342, 62354, 62403, 62435, and 62497

A modified Tier II validation was performed on the data. The criteria detailed below were used to qualify the data. Raw data were not used to verify the results reported by the laboratory.

Samples were received at 1.7, 2.0, 3.0, 3.3, 3.6, 3.8, and 4.0 degrees Celsius. Although some temperatures were less than 2.0 degrees Celsius, the samples were not frozen and no qualifications will be applied.

PCBs:

All polychlorinated biphenyl compound (PCB) samples were extracted and analyzed within technical holding time. No qualifications will be applied.

All PCB surrogates met acceptance criteria (40%-130%) or were diluted out with the following exceptions:

LAB ID	SAMPLE ID	TCX (%/%)	DCB (%/%)	QUALIFIER
62268-2	K1C-BCS-002	OK/OK	OK/136	None-only one out
62268-3	K1C-BCS-003	OK/OK	OK/176	None-only one out
62268-4	K2C-BCS-004	OK/OK	OK/221	None-only one out
62268-6	K3C-BCS-006	OK/OK	OK/136	None-only one out
62268-7	K3C-BCS-007	OK/OK	OK/130	None-only one out
62268-9	K4C-BCS-009	OK/OK	OK/207	None-only one out
62268-10	K5C-BCS-010	OK/OK	OK/137	None-only one out
62268-11	K5C-BCS-011	OK/OK	OK/167	None-only one out
62268-13	K6C-BCS-013	OK/OK	OK/186	None-only one out
62268-14	K6C-BCS-500	OK/OK	OK/259	None-only one out
62268-15	H5C-BCS-014	OK/OK	144/166	J-PCB-1254
62268-16	H5C-BCS-015	OK/289	OK/OK	None-only one out
62268-17	H3C-BCS-016	OK/OK	OK/199	None-only one out
62273-1	F1C-BCS-020	OK/OK	OK/197	None-only one out
62273-2	F1C-BCS-021	OK/OK	OK/412	None-only one out
62273-3	F2C-BCS-022	OK/OK	OK/234	None-only one out
62273-4	F2C-BCS-023	OK/OK	OK/764	None-10X dilution=DO
62273-6	F3C-BCS-025	OK/OK	171/475	J-PCB-1254 & 1260
62273-7	F4C-BCS-026	OK/OK	OK/140	None-only one out
62273-8	F4C-BCS-027	OK/OK	OK/325	None-10X dilution=DO
62273-9	F5C-BCS-028	OK/OK	137/167	J-PCB-1254 & 1260
62273-10	F5C-BCS-029	OK/OK	246/308	J-PCB-1254 & 1260
62273-11	F6C-BCS-030	OK/OK	OK/295	None-only one out
62273-12	F6C-BCS-031	OK/OK	OK/382	None-only one out
62273-13	F6C-BCS-501	OK/OK	OK/503	None-only one out
62273-14	J1S-BCS-032	OK/OK	OK/205	None-10X dilution=DO
62273-16	H1S-BCS-034	OK/OK	OK/172	None-10X dilution=DO
62273-17	G2S-BCS-035	OK/OK	OK/133	None-only one out
62273-18	F1S-BCS-036	OK/OK	200/OK	None-only one out
62273-19	E2S-BCS-037	OK/OK	178/1260	None-20X dilution=DO
62273-23	B2S-BCS-041	OK/39	OK/OK	None-only one out
62342-1	H6C-BCS-042	OK/787	OK/199	J-PCB-1254
62342-3	H6C-BCS-502	OK/OK	OK/149	None-only one out
62342-5	H4C-BCS-045	OK/OK	OK/162	None-only one out
62342-6	H2C-BCS-046	OK/OK	OK/172	None-only one out
62342-7	H2C-BCS-047	OK/OK	151/OK	None-only one out
62342-8	J5C-BCS-048	OK/OK	135/OK	None-only one out
62342-10	J6C-BCS-050	OK/OK	147/OK	None-only one out

WESTGATE PCB BALCONY CHARACTERIZATION SAMPLES - PROJECT SUMMARY

Analytics Environmental Laboratory Job Numbers: 62268, 62273, 62342, 62354, 62403, 62435, and 62497

LAB ID	SAMPLE ID	TCX (%/%)	DCB (%/%)	QUALIFIER
62342-11	J6C-BCS-051	OK/OK	145/OK	None-only one out
62342-12	J4C-BCS-052	OK/OK	OK/184	None-only one out
62342-14	J3C-BCS-054	OK/OK	133/OK	None-only one out
62342-16	J2C-BCS-056	OK/OK	OK/208	None-only one out
62342-22	G1C-BCS-503	OK/OK	OK/182	None-only one out
62342-23	G2C-BCS-062	OK/220	OK/199	J-PCB-1260
62403-7	H3S-BCS-078	OK/190	OK/OK	None-only one out
62435-3	D2C-BCS-086	OK/OK	OK/149	None-only one out
62435-4	D2C-BCS-087	OK/38	OK/OK	None-only one out
62435-5	D2C-BCS-503	OK/OK	OK/188	None-only one out
62435-6	D3C-BCS-088	OK/OK	OK/224	None-only one out
62435-10	D5C-BCS-092	OK/OK	OK/203	None-only one out
62435-13	D6C-BCS-095	OK/OK	OK/344	None-only one out
62435-14	E1C-BCS-096	OK/OK	OK/205	None-only one out
62435-15	E1C-BCS-097	OK/OK	OK/220	None-only one out
62435-16	E2C-BCS-098	OK/OK	OK/176	None-only one out
62435-17	E2C-BCS-099	OK/OK	OK/167	None-only one out
62435-18	E3C-BCS-100	OK/OK	OK/265	None-only one out
62435-19	E3C-BCS-101	OK/OK	OK/170	None-only one out
62435-20	E3C-BCS-504	OK/OK	OK/157	None-only one out
62435-21	E4C-BCS-102	OK/136	OK/OK	None-only one out
62435-22	E4C-BCS-103	OK/399	OK/OK	None-only one out
62435-23	E5C-BCS-104	OK/317	OK/OK	None-only one out
62435-24	E5C-BCS-105	OK/OK	OK/159	None-only one out
62435-25	E6C-BCS-106	OK/OK	OK/161	None-only one out
62435-26	E6C-BCS-107	OK/382	OK/OK	None-only one out
62435-27	B1C-BCS-108	OK/OK	OK/166	None-only one out
62435-28	B1C-BCS-109	OK/OK	OK/252	None-only one out
62435-30	B2C-BCS-111	OK/OK	OK/156	None-only one out
62435-31	B3C-BCS-112	OK/OK	OK/162	None-only one out
62435-33	B4C-BCS-114	OK/OK	OK/161	None-only one out
62435-35	B5C-BCS-116	OK/180	OK/OK	None-only one out
62435-37	B6C-BCS-118	OK/OK	OK/257	None-only one out
62435-41	C2C-BCS-122	OK/OK	OK/172	None-only one out
62435-46	C4C-BCS-126	OK/OK	OK/174	None-only one out
62497-9	D5S-BCS-506	OK/159	OK/OK	None-only one out

TCX = tetrachloro-m-xylene DCB = decachlorobiphenyl DO = diluted out

The PCB method blanks were non-detect (ND) for all target analytes. No qualifications will be applied.

The PCB field blank samples DEC-BCS-Q-002 (62435-52) and DE-BCS-Q-003 (62497-13) were ND for all target analytes. No qualifications will be applied.

PCB matrix spike/matrix spike duplicate (MS/MSD) performed on samples K4C-BCS-009 (62268-9), F2C-BCS-022 (62273-3), C2S-BCS-039 (62273-21), H6C-BCS-042 (62342-1), J2C-BCS-057 (62342-17), G6C-BCS-071 (62354-4), F3S-BCS-083 (62403-12), and C6S-BCS-136 (62497-6) and MS performed on sample D3C-BCS-089 (62435-7) met acceptance criteria (PCB-1016/65%-140%, PCB-1260/60%-130%) with the following exceptions:

WESTGATE PCB BALCONY CHARACTERIZATION SAMPLES - PROJECT SUMMARY

Analytics Environmental Laboratory Job Numbers: 62268, 62273, 62342, 62354, 62403, 62435, and 62497

LAB ID	SAMPLE ID	PCB-1016 (%) MS/MS/MSD/MSD	PCB-1260 (%) MS/MS/MSD/MSD	QUALIFIER
62273-3	F2C-BCS-022	OK/OK/OK/OK	OK/141/OK/OK	None-only one PCB-1260 out
62273-21	C2S-BCS-039	OK/OK/OK/OK	174/130/166/265	None-PCB-1254 interference
62342-1	H6C-BCS-042	2666/6626/3118/7517	OK/133/OK/143	None-PCB-1254 interference
62342-17	J2C-BCS-057	190/OK/141/OK	17/28/26/41	J-PCB-1260
62354-4	G6C-BCS-071	OK/OK/OK/OK	136/161/212/234	J-PCB-1260
62403-12	F3S-BCS-083	OK/OK/OK/OK	161/149/132/OK	None-PCB-1254 interference
62435-7	D3C-BCS-089	OK/173	OK/OK	None-PCB-1016 non-detect
62497-6	C6S-BCS-136	OK/OK/OK/OK	744/698/181/174	None-high PCB-1260 in sample

The PCB laboratory control samples (LCS)/laboratory control sample duplicate (LCSD) met acceptance criteria. No qualifications will be applied.

PCB field duplicate samples K6C-BCS-012 (62268-12)/K6C-BCS-500 (62268-14), F6C-BCS-031 (62273-12)/F6C-BCS-501 (62273-13), H6C-BCS-043 (62342-2)/H6C-BCS-502 (62342-3), G1C-BCS-061 (62342-21)/G1C-BCS-503 (62342-22), D2C-BCS-087 (62435-4)/D2C-BCS-503 (62435-5), E3C-BCS-101 (62435-19)/E3C-BCS-504 (62435-20), C1C-BCS-121 (62435-40)/C1C-BCS-505 (62435-45), B6S-BCS-132 (62497-1)/B6S-BCS-505 (62497-2), and D5S-BCS-140 (62497-8)/D5S-BCS-506 (62497-9) met acceptance criteria with the following exceptions. The relative percent difference (RPD) for PCB-1254 (59.9%) in field duplicate samples B6S-BCS-132 (62497-1)/B6S-BCS-505 (62497-2) and for PCB-1260 (71.9%) in field duplicate samples D5S-BCS-140 (62497-8)/D5S-BCS-506 (62497-9) were above acceptance criteria (<50%). The PCB-1254 results in samples B6S-BCS-132 (62497-1) and B6S-BCS-505 (62497-2) and the PCB-1260 results in samples D5S-BCS-140 (62497-8) and D5S-BCS-506 (62497-9) will be estimated (J) due to high field duplicate RPD. No other samples will be qualified since field duplicate precision in the other field duplicate pairs met acceptance criteria.

The RPD between the column results for all detected PCBs met acceptance criteria (≤25%) with the following exceptions:

LAB ID	SAMPLE ID	PCB	RPD	QUALIFIER
62268-1	K2S-BCS-001	1254	27.6	J
62268-2	K1C-BCS-002	1254	26.0	J
62268-5	K2C-BCS-005	1254	41.8	J
62268-9	K4C-BCS-009	1254	27.0	J
62268-11	K5C-BCS-011	1254	33.1	J
62268-13	K6C-BCS-013	1254	28.9	J
62268-15	H5C-BCS-014	1254	26.6	J
62273-2	F1C-BCS-021	1254	33.4	J
62273-3	F2C-BCS-022	1254	52.0	J
62273-6	F3C-BCS-025	1254	55.0	J
62273-10	F5C-BCS-029	1254	34.9	J
62273-12	F6C-BCS-031	1254	47.0	J
62273-13	F6C-BCS-501	1254	45.0	J
62273-15	J2S-BCS-033	1254	40.4	J
62273-16	H1S-BCS-034	1254	28.1	J
62273-17	G2S-BCS-035	1254	42.7	J
62273-18	F1S-BCS-036	1254	40.4	J
62273-21	C2S-BCS-039	1254	63.3	J
62273-22	B1S-BCS-040	1254	39.5	J
62342-1	H6C-BCS-042	1254	34.3	J

WESTGATE PCB BALCONY CHARACTERIZATION SAMPLES - PROJECT SUMMARY

Analytics Environmental Laboratory Job Numbers: 62268, 62273, 62342, 62354, 62403, 62435, and 62497

LAB ID	SAMPLE ID	PCB	RPD	QUALIFIER
62342-6	H2C-BCS-046	1254	35.0	J
62342-8	J5C-BCS-048	1254	27.4	J
62342-11	J6C-BCS-051	1254	25.9	J
62342-12	J4C-BCS-052	1254	36.7	J
62342-14	J3C-BCS-054	1254	28.6	J
62342-16	J2C-BCS-056	1254	28.6	J
62342-17	J2C-BCS-057	1260	39.0	J
62342-18	J1C-BCS-058	1260	50.6	J
62342-23	G2C-BCS-062	1260	31.7	J
62354-2	G5C-BCS-069	1254	35.9	J
62403-1	K4S-BCS-072	1254	39.3	J
62403-4	J5S-BCS-075	1254	30.0	J
62403-5	J4S-BCS-076	1254	26.9	J
62403-6	J6S-BCS-077	1254	36.2	J
62403-7	H3S-BCS-078	1254	31.0	J
62403-8	H5S-BCS-079	1254	33.7	J
62403-12	F3S-BCS-083	1254	30.3	J
62435-4	D2C-BCS-087	1254	26.3	J
62435-5	D2C-BCS-503	1254	32.1	J
62435-6	D3C-BCS-088	1254	34.7	J
62435-7	D3C-BCS-089	1254	28.9	J
62435-10	D5C-BCS-092	1254	31.5	J
62435-11	D5C-BCS-093	1254	37.2	J
62435-12	D6C-BCS-094	1254	29.9	J
62435-13	D6C-BCS-095	1254	40.8	J
62435-14	E1C-BCS-096	1254	30.5	J
62435-15	E1C-BCS-097	1254	37.4	J
62435-16	E2C-BCS-098	1254	30.3	J
62435-18	E3C-BCS-100	1254	27.3	J
62435-23	E5C-BCS-104	1254	27.2	J
62435-24	E5C-BCS-105	1254	37.8	J
62435-28	B1C-BCS-109	1254	30.7	J
62435-33	B4C-BCS-114	1254	35.4	J
62435-36	B5C-BCS-117	1254	32.1	J
62497-1	B6S-BCS-132	1254	28.6	J
62497-3	B4S-BCS-133	1254	45.3	J
62497-4	B5S-BCS-134	1254	30.5	J

Several samples were analyzed at dilutions due to the high concentration of PCBs present in the samples. Elevated quantitation limits are reported in these samples as a result of the dilutions performed.

Data Check, Inc.
P.O. Box 29
81 Meaderboro Road
New Durham, NH 03855

Gloria J. Switalski:
President

Date: 1/9/9

MIT PCB VERIFICATION SOIL SAMPLES - PROJECT SUMMARY

Analytics Environmental Laboratory Job Numbers: 62841, 62847, 62866, 62876, 62880, 62892, 62895, 62896, 62909, 62910, 62916, 62928, 62930, 62933, 62938, 62955, 62956, 62962, 62967, 62971, 62972, 62983, 62997, 63011, 63012, 63014, 63020, 63023, 63032, 63034, 63040, 63043, 63044, 63060, and 63061

A modified Tier II validation was performed on the data. The criteria detailed below were used to qualify the data. Raw data were not used to verify the results reported by the laboratory.

Samples were received at 0.2, 1, 1.1, 1.6, 2.0, 2.2, 2.5, 2.6, 2.7, 3, 3.4, 3.7, 4, 4.8, and 4.9 degrees Celsius. Although some temperatures were less than 2.0 degrees Celsius, the samples were not frozen and no qualifications will be applied.

PCBs:

All polychlorinated biphenyl compound (PCB) samples were extracted and analyzed within technical holding time. No qualifications will be applied.

All PCB surrogates met acceptance criteria (40%-130%) or were diluted out with the following exceptions:

LAB ID	SAMPLE ID	TCX (%/%)	DCB (%/%)	QUALIFIER
62847-1	ABCF-VSC-006	OK/OK	202/185	J, PCB-1260
62866-3	DEI-VSC-Q-001	OK/OK	32/32	UJ, all non-detect
62866-5	DEJ-VSC-014	OK/OK	OK/162	None, only one out
62876-18	ABCE-VSD-010C	OK/OK	254/OK	None, only one out
62896-1	HJKS-CAS-019	OK/OK	OK/39	None, only one out
62896-4	FGS-CAS-022	OK/OK	OK/39	None, only one out
62910-7	DEJ-VSD-013B	OK/OK	189/OK	None, only one out
62910-16	DEJ-VSD-016C	OK/OK	146/OK	None, only one out
62930-10	FGP-VSC-Q-004	OK/OK	OK/36	None, only one out
62938-12	FGM-VSC-Q-005	OK/OK	OK/38	None, only one out
62956-1	DEI-VSC-160	OK/OK	157/OK	None, only one out
62956-5	DEI-VSC-075	OK/OK	395/OK	None, only one out
62997-12	ABCA-VSC-034	OK/OK	136/OK	None, only one out
63012-8	DEH-VSD-074A	OK/OK	136/OK	None, only one out
63023-11	HJKU-VSC-Q-009	OK/OK	OK/31	None, only one out
63034-16	ABCB-VSC-Q-010	OK/OK	OK/21	None, only one out
63043-12	ABCA-VSC-Q-011	OK/OK	OK/39	None, only one out
63060-8	ABCD-VSC-Q-012	OK/OK	OK/32	None, only one out

TCX = tetrachloro-m-xylene DCB = decachlorobiphenyl

The PCB method blanks were non-detect (ND) for all target analytes. No qualifications will be applied.

The PCB field blank samples DEI-VSC-Q-001 (62866-3), FGL-VSC-Q-002 (62895-15), HJKS-VSC-Q-003 (62916-18), FGP-VSC-Q-004 (62930-10), FGM-VSC-Q-005 (62938-12), ABCD-VSC-Q-006 (62962-11), DEG-VSC-Q-007 (62983-8), ABCA-VSC-Q-008 (62997-11), HJKU-VSC-Q-009 (63023-11), ABCB-VSC-Q-010 (63034-16), ABCA-VSC-Q-011 (63043-12), and ABCD-VSC-Q-012 (63060-8) were ND for all target analytes. No qualifications will be applied.

PCB matrix spike/matrix spike duplicate (MS/MSD) performed on samples ABCE-VSC-007 (62841-1), ABCF-VSC-006 (62847-1), ABCE-VSD-012A (62876-1), FGL-VSC-021 (62895-1), DEG-VSC-068 (62909-1), DEI-VSD-018A (62910-1), HJKS-VSC-100 (62916-1) HJKR-VSC-131 (62930-2), FGP-VSC-125 (62930-3), FGP-VSC-091 (62938-1), FGO-VSC-152 (62962-1), ABCF-VSC-180 (62971-1), DEI-VSC-196 (62983-1), ABCA-VSC-177 (62983-15), ABCA-VSC-166 (62997-1), ABCB-VSC-511 (62997-21), HJKU-VSC-108 (63023-4), FGM-VSC-207 (63034-1), DEH-VSC-213 (63043-1), and ABCB-VSC-224 (63060-1) met acceptance criteria (PCB-1016/65%-140%, PCB-1260/60%-130%) with the following exceptions:

MIT PCB VERIFICATION SOIL SAMPLES - PROJECT SUMMARY

Analytics Environmental Laboratory Job Numbers: 62841, 62847, 62866, 62876, 62880, 62892, 62895, 62896, 62909, 62910, 62916, 62928, 62930, 62933, 62938, 62955, 62956, 62962, 62967, 62971, 62972, 62983, 62997, 63011, 63012, 63014, 63020, 63023, 63032, 63034, 63040, 63043, 63044, 63060, and 63061

LAB ID	SAMPLE ID	PCB-1016 (%) MS/MS/MSD/MSD	PCB-1260 (%) MS/MS/MSD/MSD	QUALIFIER
62841-1	ABCE-VSC-007	OK/OK/OK/OK	-17/-49/49/19	None, high PCB-1260 in sample
62847-1	ABCF-VSC-006	OK/OK/OK/OK	58/OK/OK/OK	None, only one PCB-1260 out
62909-1	DEG-VSC-068	OK/200/OK/145	OK/OK/OK/OK	None, PCB-1016 non-detect
62910-1	DEI-VSD-018A	OK/OK/OK/152	OK/OK/OK/OK	None, PCB-1016 non-detect
62930-3	FGP-VSC-125	OK/OK/OK/OK	OK/57/53/41	J, PCB-1260
62938-1	FGP-VSC-091	OK/OK/OK/OK	58/OK/59/OK	J, PCB-1260
62971-1	ABCF-VSC-180	OK/OK/OK/OK	OK/57/OK/OK	None, only one PCB-1260 out
62983-1	DEI-VSC-196	OK/OK/OK/OK	OK/188/OK/188	J, PCB-1260
62983-15	ABCA-VSC-177	OK/OK/OK/OK	37/21/34/21	J, PCB-1260
62997-21	ABCB-VSC-511	OK/OK/OK/OK	197/OK/161/OK	J, PCB-1260

The PCB laboratory control sample (LCS)/laboratory control sample duplicate (LCSD) met acceptance criteria with the following exceptions. The recoveries for PCB-1016 (269%/263%) in the LCS/LCSD associated with SDG 62933 were above laboratory acceptance limits (65%-140%) on one column. No qualifications will be applied since PCB-1016 was not detected in the associated samples. The recoveries for PCB-1016 (269%/236%) in the LCS/LCSD associated with SDGs 62938 and 62955 were above laboratory acceptance limits (65%-140%) on one column. No qualifications will be applied since PCB-1016 was not detected in the associated samples. The recovery for PCB-1016 (151%) in the LCS associated with SDGs 62983, 63011, and 63012 was above laboratory acceptance limits (65%-140%) on one column. No qualifications will be applied since PCB-1016 was not detected in the associated samples.

PCB field duplicate samples DEJ-VSC-017 (62866-8)/DEJ-VSC-501 (62866-9), FGQ-VSC-032 (62895-10)/FGQ-VSC-502 (62895-11), HJKS-VSC-141 (62916-4)/HJKS-VSC-503 (62916-17), FGR-VSC-093 (62930-5)/FGP-VSC-504 (62930-7), FGM-VSC-080 (62938-8)/FGM-VSC-505 (62938-13), ABCD-VSC-065 (62962-6)/ABCD-VSC-506 (62962-10), FGK-VSC-191 (62971-10)/FGK-VSC-507 (62971-12), ABCE-VSC-198 (62983-3)/ABCE-VSC-508 (62983-4), ABCA-VSC-179 (62983-17)/ABCA-VSC-509 (62983-18), ABCA-VSC-510 (62997-5)/ABCA-VSC-170 (62997-6), ABCB-VSC-047 (62997-20)/ABCB-VSC-511 (62997-21), ABCB-VSC-057 (63014-4)/ABCB-VSC-512 (63014-6), HJKU-VSC-148 (63023-3)/HJKU-VSC-513 (63023-8), ABCB-VSC-051 (63034-9)/ABCB-VSC-514 (63034-15), and ABCA-VSC-220 (63043-8)/ABCA-VSC-515 (63043-9) met acceptance criteria. No qualifications will be applied.

The RPD between the column results for all detected PCBs met acceptance criteria (≤25%) with the following exceptions:

LAB ID	SAMPLE ID	PCB	RPD	QUALIFIER
62866-5	DEJ-VSC-014	1260	45.9	J
62880-5	FGL-VSC-113	1260	29.6	J
62880-7	FGL-VSC-025	1260	27.0	J
62895-1	FGL-VSC-021	1260	26.5	J
62895-3	FGL-VSC-023	1260	36.9	J
62895-12	FGL-VSC-117	1260	45.5	J
62895-13	FGL-VSC-118	1260	33.0	J
62896-2	HJKS-CAS-020	1254	27.0	J
62896-3	HJKS-CAS-021	1254	27.2	J
62916-6	HJKS-VSC-142	1260	40.4	J
62930-5	FGP-VSC-093	1260	32.2	J
62930-15	FGP-VSC-086	1260	31.8	J

MIT PCB VERIFICATION SOIL SAMPLES - PROJECT SUMMARY

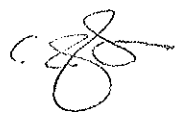
Analytics Environmental Laboratory Job Numbers: 62841, 62847, 62866, 62876, 62880, 62892, 62895, 62896, 62909, 62910, 62916, 62928, 62930, 62933, 62938, 62955, 62956, 62962, 62967, 62971, 62972, 62983, 62997, 63011, 63012, 63014, 63020, 63023, 63032, 63034, 63040, 63043, 63044, 63060, and 63061

LAB ID	SAMPLE ID	PCB	RPD	QUALIFIER
62930-16	FGP-VSC-087	1260	27.9	J
62930-19	FGP-VSC-090	1260	27.6	J
62983-17	ABCA-VSC-179	1260	27.2	J
62997-2	ABCA-VSC-167	1260	25.9	J
62997-17	ABCA-VSC-040	1260	34.9	J
63011-1	ABCF-VSD-183A	1254	41.1	J
63023-1	HJKU-VSC-146	1254	86.5	J
63023-2	HJKU-VSC-147	1254	34.1	J
63023-8	HJKU-VSC-513	1254	25.2	J
63023-13	FGM-VSC-205	1260	26.0	J
63034-2	FGP-VSC-208	1260	33.0	J

Several samples were analyzed at dilutions due to the high concentration of PCBs present in the samples. Elevated quantitation limits are reported in these samples as a result of the dilutions performed.

Data Check, Inc.
P.O. Box 29
81 Meaderboro Road
New Durham, NH 03855

Gloria J. Switalski:
President



Date: 01/21/09

MIT PCB EPOXY WIPE SAMPLES - PROJECT SUMMARY

Analytics Environmental Laboratory Job Numbers: 63512

A modified Tier II validation was performed on the data. The criteria detailed below were used to qualify the data. Raw data were not used to verify the results reported by the laboratory.

Samples were received at 2 degrees Celsius. No qualifications will be applied.

PCBs:

All polychlorinated biphenyl compound (PCB) samples were extracted and analyzed within technical holding times. No qualifications will be applied.

All PCB surrogates met acceptance criteria. No qualifications will be applied.

The PCB method blanks were non-detect (ND) for all target analytes. No qualifications will be applied.

No PCB field blank samples were submitted with this analytical package. No qualifications will be applied.

No PCB matrix spike/matrix spike duplicate (MS/MSD) were performed since these were wipe samples. No qualifications will be applied.

The PCB laboratory control samples (LCS)/laboratory control sample duplicate (LCSD) met acceptance criteria No qualifications will be applied.

No PCB field duplicate samples were submitted with this analytical package. No qualifications will be applied.

The relative percent difference (RPD) between the column results for all detected PCBs met acceptance criteria (≤25%) with the following exceptions:

LAB ID	SAMPLE ID	PCB	RPD	QUALIFIER
63512-2	F6S-EWS-048	1254	33.9	J
63512-3	A2C-EWS-047	1254	31.3	J
63512-4	C3S-EWS-045	1254	42.7	J

The PCB-1254 results for samples G1S-EWS-049 (63512-1) and C3S-EWS-045 (63512-4) had the lower concentrations reported due to interferences present on the secondary column.

Data Check, Inc.
P.O. Box 29
81 Meaderboro Road
New Durham, NH 03855

Gloria J. Switalski:
President

Date: 04/26/09

Project # 210725

MIT PCB BRICK WIPE SAMPLES - PROJECT SUMMARY

Analytics Environmental Laboratory Job Numbers: 62392, 62496, 62330-4, 62265-7, and 62405-4 & -8

A modified Tier II validation was performed on the data. The criteria detailed below were used to qualify the data. Raw data were not used to verify the results reported by the laboratory.

Samples were received at 2.0, 3.3, 3.0, 1.5, and 3.8 degrees Celsius. Although some temperatures were less than 2.0 degrees Celsius, the samples were not frozen and no qualifications will be applied.

PCBs:

All polychlorinated biphenyl compound (PCB) samples were extracted and analyzed within technical holding time. No qualifications will be applied.

All PCB surrogates met acceptance criteria. No qualifications will be applied.

The PCB method blanks were non-detect (ND) for all target analytes. No qualifications will be applied.

The PCB field blank sample DES-BWS-Q-001 (62496-5) was ND for all target analytes. No qualifications will be applied.

No PCB matrix spike/matrix spike duplicate (MS/MSD) were performed since these were wipe samples. No qualifications will be applied.

The PCB laboratory control samples (LCS)/laboratory control sample duplicate (LCSD) met acceptance criteria No qualifications will be applied.

PCB field duplicate samples E3S-BWS-006 (62496-2)/E3S-BWS-500 (62496-3) met acceptance criteria. No qualifications will be applied.

The RPD between the column results for all detected PCBs met acceptance criteria (≤25%) with the following exception:

LAB ID	SAMPLE ID	PCB	RPD	QUALIFIER
62265-7	G3C-BWS-002	1254	43.3	J

Data Check, Inc.
P.O. Box 29
81 Meaderboro Road
New Durham, NH 03855

Gloria J. Switalski:
President

Date: 12/04/08

MIT PCB CONCRETE SAMPLES - PROJECT SUMMARY

Analytics Environmental Laboratory Job Numbers: 61831, 61878, 62050, 62091, 62140, 62162, 62170, 62266, and 62301

A modified Tier II validation was performed on the data. The criteria detailed below were used to qualify the data. Raw data were not used to verify the results reported by the laboratory.

Samples were received at 5.8, 1, 1.5, 3.5, 5.3, 0.5, 1.5, 1.5, and 1.5 degrees Celsius. Although some temperatures were less than 2.0 degrees Celsius, the samples were not frozen and no qualifications will be applied.

PCBs:

All polychlorinated biphenyl compound (PCB) samples were extracted and analyzed within technical holding time. No qualifications will be applied.

All PCB surrogates met acceptance criteria (40%-130%) or were diluted out with the following exceptions:

LAB ID	SAMPLE ID	TCX (%/%)	DCB (%/%)	QUALIFIER
62170-5	F1C-WCS-033	OK/OK	143/OK	None-only one out
62266-1	E4C-WCS-034	OK/OK	OK/183	None-only one out
62301-5	A2C-WCS-502	OK/OK	OK/146	None-only one out

TCX = tetachloro-m-xylene DCB = decachlorobiphenyl

The PCB method blanks were non-detect (ND) for all target analytes with the exception of B09088PSOX (72 µg/kg PCB-1254). No qualifications will be applied to samples associated with B09088PSOX since sample results were greater than the blank action concentration.

The PCB field blank sample DEC-WCS-Q-001 (62266-5) was ND for all target analytes. No qualifications will be applied.

PCB matrix spike/matrix spike duplicate (MS/MSD) were performed on samples G1E-WCS-010 (61878-8), D6S-WCS-014 (62050-4), C3S-WCS-017 (62091-1), K2C-WCS-024 (62140-3), G1C-WCS-030 (62170-2), and C1C-WCS-038 (62301-1). The MS/MSD performed on samples G1E-WCS-010 (61878-8) and G1C-WCS-030 (62170-2) were not analyzed due to the high concentration of PCB 1254 in the native sample. The MS/MSD performed on samples D6S-WCS-014 (62050-4), C3S-WCS-017 (62091-1), K2C-WCS-024 (62140-3), and C1C-WCS-038 (62301-1) were not useable due to the high concentration of PCB 1254 in the native samples. No qualifications will be applied.

The PCB laboratory control samples (LCS)/laboratory control sample duplicate (LCSD) met acceptance criteria with the following exceptions. The recoveries for PCB-1016 on column 2 associated with samples extracted on 07/29/08 (170%/163%) were above laboratory acceptance criteria (65%-140%). The recovery for PCB-1016 on column 2 associated with the field blank sample extracted on 09/09/08 (78%) was below laboratory acceptance criteria (81%-112%). Recoveries for PCB-1016 on column 1 in these LCS//LCSD met acceptance criteria. No qualifications will be applied since PCB-1016 was not detected in the associated samples.

PCB field duplicate samples D2S-WCS-015 (62050-5)/D2S-WCS-500 (62050-6), B2S-WCS-020 (62091-3)/B2S-WCS-501 (62091-4), and A2C-WCS-041 (62301-4)/A2C-WCS-502 (62301-5) met acceptance criteria with the following exception. The relative percent difference (RPD) for PCB-1254 (51.6%) in field duplicate samples B2S-WCS-020 (62091-3)/B2S-WCS-501 (62091-4) was above acceptance criteria (<50%). The PCB-1254 results in samples B2S-WCS-020 (62091-3) and B2S-WCS-501 (62091-4) will be estimated (J) due to high field duplicate RPD. No other samples will be qualified since field duplicate precision in the other two field duplicate pairs met acceptance criteria.

The RPD between the column results for all detected PCBs met acceptance criteria (≤25%) with the following exceptions:

MIT PCB CONCRETE SAMPLES - PROJECT SUMMARY

Analytics Environmental Laboratory Job Numbers: 61831, 61878, 62050, 62091, 62140, 62162, 62170, 62266, and 62301

LAB ID	SAMPLE ID	PCB	RPD	QUALIFIER
61831-2	K3S-WCS-001	1254	30.4	J
61878-2	J5S-WCS-004	1254	28.1	J
61878-4	G1S-WCS-006	1254	26.3	J
61878-5	F6S-WCS-007	1254	32.0	J
61878-7	F2S-WCS-009	1254	27.2	J
62170-3	G5C-WCS-031	1254	39.5	J
62170-4	G5C-WCS-032	1254	29.8	J
62266-2	D1C-WCS-035	1254	26.7	J
62301-3	A2C-WCS-040	1254	30.1	J
62301-4	A2C-WCS-041	1254	28.9	J
62301-5	A2C-WCS-502	1254	29.0	J

Several samples were analyzed at dilutions due to the high concentration of PCBs present in the samples. Elevated quantitation limits are reported in these samples as a result of the dilutions performed.

Data Check, Inc.
P.O. Box 29
81 Meaderboro Road
New Durham, NH 03855

Gloria J. Switalski:
President

Date: 12/04/08

MIT PCB CONCRETE WIPE SAMPLES - PROJECT SUMMARY

Analytics Environmental Laboratory Job Numbers: 61973, 62007, 62051, 62134, 62139, 62230, 62265, 62341, and 62405

A modified Tier II validation was performed on the data. The criteria detailed below were used to qualify the data. Raw data were not used to verify the results reported by the laboratory.

Samples were received at 2.5, 1.3, 1.5, 2.3, 5.3, 3.0, 1.5, 3.0, and 3.8 degrees Celsius. Although some temperatures were less than 2.0 degrees Celsius, the samples were not frozen and no qualifications will be applied.

PCBs:

All polychlorinated biphenyl compound (PCB) samples were extracted and analyzed within technical holding time. No qualifications will be applied.

All PCB surrogates met acceptance criteria (40%-130%) with the following exceptions:

LAB ID	SAMPLE ID	TCX (%/%)	DCB (%/%)	QUALIFIER
61973-1	K3S-EWS-001	OK/OK	133/OK	None-only one out
61973-2	K2S-EWS-002	OK/OK	152/OK	None-only one out
61973-3	J2S-EWS-003	OK/OK	146/OK	None-only one out
62051-1	G1S-EWS-006	OK/OK	145/OK	None-only one out
62139-1	C3S-EWS-017	OK/OK	254/OK	None-only one out
62139-2	B3S-EWS-018	OK/OK	246/OK	None-only one out
62139-3	B6S-EWS-019	OK/OK	135/OK	None-only one out

TCX = tetachloro-m-xylene DCB = decachlorobiphenyl

The PCB method blanks were non-detect (ND) for all target analytes. No qualifications will be applied.

The PCB field blank samples DE-EWS-Q-001 (62134-8) and FGC-EWS-Q-002 (62265-1) were ND for all target analytes. No qualifications will be applied.

No PCB matrix spike/matrix spike duplicate (MS/MSD) were performed since these were wipe samples. No qualifications will be applied.

The PCB laboratory control samples (LCS)/laboratory control sample duplicate (LCSD) met acceptance criteria with the following exceptions. The recoveries for PCB-1016 on column 2 associated with samples extracted on 08/12/08 (152%/207%) were above laboratory acceptance criteria (65%-140%). No qualifications will be applied since PCB-1016 was not detected in the associated samples.

PCB field duplicate samples D6S-EWS-014 (62134-3)/D6S-EWS-500 (62134-4) and A2C-EWS-044 (62405-2)/A2C-EWS-502 (62405-3) met acceptance criteria. No qualifications will be applied.

The RPD between the column results for all detected PCBs met acceptance criteria (≤25%) with the following exceptions:

LAB ID	SAMPLE ID	PCB	RPD	QUALIFIER
62139-6	C1S-EWS-022	1254	28.5	J
62265-3	G5C-EWS-032	1254	45.0	J
62405-1	A2C-EWS-043	1254	39.0	J
62405-2	A2C-EWS-044	1254	36.0	J

One sample was analyzed at a 2-fold dilution due to the high concentration of PCBs present in the sample. Elevated quantitation limits are reported in this sample as a result of the dilution performed.

MIT PCB CONCRETE WIPE SAMPLES - PROJECT SUMMARY

Analytics Environmental Laboratory Job Numbers: 61973, 62007, 62051, 62134, 62139, 62230, 62265, 62341, and 62405

Data Check, Inc.
P.O. Box 29
81 Meaderboro Road
New Durham, NH 03855

Gloria J. Switalski:
President

Date: 10/04/08

MIT PCB INTERIOR WIPE SAMPLES - PROJECT SUMMARY

Analytics Environmental Laboratory Job Numbers: 63514 and 63530

A modified Tier II validation was performed on the data. The criteria detailed below were used to qualify the data. Raw data were not used to verify the results reported by the laboratory.

Samples were received at 1.7 and 2 degrees Celsius. Although some temperatures were less than 2.0 degrees Celsius, the samples were not frozen and no qualifications will be applied.

PCBs:

All polychlorinated biphenyl compound (PCB) samples were extracted and analyzed within technical holding times. No qualifications will be applied.

All PCB surrogates met acceptance criteria. No qualifications will be applied.

The PCB method blanks were non-detect (ND) for all target analytes with the following exceptions. The method blank associated with samples J2S-VWS-025 (63530-1), J4C-VWS-026 (63530-2), J4C-VWS-027 (63530-3), J5S-VWS-028 (63530-4), K1C-VWS-029 (63530-5), K3S-VWS-030 (63530-6), and K6S-VWS-031 (63530-7) was contaminated with PCB-1016 (4.1µg/wipe) and PCB-1260 (2.0 µg/wipe). Since all associated samples were ND for all PCBs and it appears the laboratory inadvertently spiked the blank with the LCS spiking solution, no qualifications will be applied.

No PCB field blank samples were submitted with this analytical package. No qualifications will be applied.

No PCB matrix spike/matrix spike duplicate (MS/MSD) were performed since these were wipe samples. No qualifications will be applied.

The PCB laboratory control samples (LCS) and/or laboratory control sample duplicates (LCSD) met acceptance criteria with the following exception. The recovery for PCB-1016 (146%) was above laboratory acceptance limits (65%-140%) for one LCSD on one column. No qualifications will be applied since PCB-1016 was not detected in the associated samples.

PCB field duplicate samples J4C-VWS-026 (63530-2)/J4C-VWS-027 (63530-3) met acceptance criteria. No qualifications will be applied.

The relative percent difference (RPD) between the column results for all detected PCBs met acceptance criteria (≤25%) with the following exceptions:

LAB ID	SAMPLE ID	PCB	RPD	QUALIFIER
63514-12	D5C-EWS-012	1254	27.2	J
63514-16	F2S-EWS-016	1254	34.7	J
63514-23	H5C-EWS-023	1254	26.2	J

The quantitation limit for sample J5S-VWS-028 (63530-4) was elevated to 1 µg/wipe with the approval of Woodard & Curran, Inc.

Data Check, Inc.
P.O. Box 29
81 Meaderboro Road
New Durham, NH 03855

Gloria J. Switalski:
President

Date: 04/26/09

MIT PCB METAL WIPE SAMPLES - PROJECT SUMMARY

Analytics Environmental Laboratory Job Numbers: 61758, 61786, 61829, 61855, 61895, 61919, 62008, 62033, 62132, 62161, 62218, 62231, 62264, 62287, 62300, 62305, 62357, and 62404

A modified Tier II validation was performed on the data. The criteria detailed below were used to qualify the data. Raw data were not used to verify the results reported by the laboratory.

Samples were received at 5.0, 3.5, 5.8, 4, 4.0, 3.5, 1.3, 3.0, 2.3, 0.5, 2.5, 3.0, 1.5, 0.1, 1.5, 2.5, 1.7, and 3.8 degrees Celsius. Although some temperatures were less than 2.0 degrees Celsius, the samples were not frozen and no qualifications will be applied.

PCBs:

All polychlorinated biphenyl compound (PCB) samples were extracted and analyzed within technical holding time. No qualifications will be applied.

All PCB surrogates met acceptance criteria (40%-130%) or were diluted out with the following exceptions:

LAB ID	SAMPLE ID	TCX (%/%)	DCB (%/%)	QUALIFIER
61855-19	F6S-MWS-030	28/27	OK/OK	J/UJ
62008-1	C1S-MWS-074	OK/OK	139/OK	None-only one out
62132-2	J3C-MWS-106	OK/OK	155/OK	None-only one out
62132-3	J5C-MWS-104	OK/OK	133/OK	None-only one out
62218-2	J3C-MWS-116	OK/OK	OK/163	None-only one out
62218-3	G1C-MWS-118	OK/OK	OK/200	None-only one out
62218-4	G2C-MWS-119	OK/OK	OK/159	None-only one out
62218-5	G3C-MWS-120	OK/OK	OK/166	None-only one out
62218-6	G4C-MWS-121	OK/OK	135/154	J/A
62218-8	G6C-MWS-123	0/0	0/0	J/R
62218-9	F3C-MWS-126	OK/OK	OK/225	None-only one out
62218-10	F4C-MWS-125	OK/OK	OK/162	None-only one out
62218-11	F5C-MWS-127	OK/OK	OK/183	None-only one out
62218-12	F6C-MWS-124	OK/OK	OK/166	None-only one out
62664-4	D2C-MWS-131	OK/OK	140/155	J/A
62664-5	D3C-MWS-132	OK/OK	OK/349	None-only one out
62664-6	D4C-MWS-133	OK/OK	OK/180	None-only one out
62664-7	D5C-MWS-134	OK/OK	OK/204	None-only one out
62664-8	D6C-MWS-135	OK/OK	134/301	J/A
62664-9	E1C-MWS-136	OK/OK	OK/141	None-only one out
62664-10	E2C-MWS-137	OK/OK	OK/341	None-only one out
62664-12	E4C-MWS-139	OK/40	OK/OK	None-only one out
62664-13	E5C-MWS-140	OK/OK	OK/365	None-only one out
62664-14	E6C-MWS-141	OK/OK	132/238	J/A
62664-15	D2C-MWS-506	OK/OK	OK/198	None-only one out
62287-1	F1C-MWS-142	OK/OK	OK/137	None-only one out
62287-2	F6C-MWS-143	OK/OK	OK/152	None-only one out
62287-3	G3C-MWS-144	OK/OK	OK/139	None-only one out
62287-4	G4C-MWS-145	OK/OK	OK/145	None-only one out
62287-5	G4C-MWS-507	OK/OK	OK/142	None-only one out
62287-6	G6C-MWS-146	OK/OK	OK/135	None-only one out
62287-7	FGC-MWS-Q-005	OK/OK	OK/139	None-only one out
62300-2	A4C-MWS-148	OK/136	OK/134	None-10X dilution=DO
62300-3	B4C-MWS-149	OK/OK	OK/138	None-only one out
62300-4	B3C-MWS-150	OK/OK	OK/186	None-only one out
62300-5	A1C-MWS-151	OK/OK	OK/131	None-only one out
62300-6	A2C-MWS-152	OK/OK	OK/150	None-only one out

MIT PCB METAL WIPE SAMPLES - PROJECT SUMMARY

Analytics Environmental Laboratory Job Numbers: 61758, 61786, 61829, 61855, 61895, 61919, 62008, 62033, 62132, 62161, 62218, 62231, 62264, 62287, 62300, 62305, 62357, and 62404

LAB ID	SAMPLE ID	TCX (%/%)	DCB (%/%)	QUALIFIER
62300-7	B6C-MWS-153	OK/OK	OK/209	None-only one out
62305-1	B1C-MWS-157	OK/OK	OK/189	None-10X dilution=DO
62305-2	B2C-MWS-158	OK/OK	OK/160	None-only one out
62305-3	C1C-MWS-159	OK/OK	139/260	None-10X dilution=DO
62305-5	C3C-MWS-161	OK/OK	OK/238	None-10X dilution=DO
62305-7	C5C-MWS-163	OK/OK	132/141	J/A
62305-8	C6C-MWS-164	OK/OK	OK/238	None-10X dilution=DO
62357-1	D2C-MWS-157	OK/OK	OK/172	None-only one out

TCX = tetachloro-m-xylene DCB = decachlorobiphenyl DO = diluted out

The PCB method blanks were non-detect (ND) for all target analytes with the exceptions of B07318PSOX (0.5 µg/wipe PCB-1254) and B09088PSOX (0.7 µg/wipe PCB-1254). No qualifications will be applied to samples associated with B07318PSOX since sample results were greater than the blank action concentration. Samples J2C-MWS-107 (62161-1), J4C-MWS-105 (62161-2), H1C-MWS-110 (62161-3), H3C-MWS-112 (62161-5), H4C-MWS-113 (62161-6), and H5C-MWS-114 (62161-7) will be qualified as non-detect (U) due to blank actions associated with B09088PSOX.

The PCB field blank samples DES-MWS-Q-098 (62033-26), ABCS-MWS-Q-099 (62033-27), and FGC-MWS-Q-005 (62287-7) were ND for all target analytes. No qualifications will be applied.

No PCB matrix spike/matrix spike duplicate (MS/MSD) were performed since these were wipe samples. No qualifications will be applied.

The PCB laboratory control samples (LCS)/laboratory control sample duplicate (LCSD) met acceptance criteria with the following exceptions. The recoveries for PCB-1016 on column 2 associated with samples extracted on 07/29/08 (170%/163%) and 08/01/08 (152%/144%) were above laboratory acceptance criteria (65%-140%). Recoveries for PCB-1016 on column 1 in these LCS/LCSD met acceptance criteria. No qualifications will be applied since PCB-1016 was not detected in the associated samples.

PCB field duplicate samples C5S-MWS-039 (61895-1)/C5S-MWS-500 (61895-2), B5S-MWS-045 (61919-6)/B5S-MWS-501 (61919-7), B2S-MWS-048 (61919-8)/B2S-MWS-502 (61919-9), E5S-MWS-077 (62033-3)/E5S-MWS-503 (62033-4), C3S-MWS-088 (62033-15)/C3S-MWS-504 (62033-16), K1C-MWS-098 (62132-5)/K1C-MWS-505 (62132-6), D2C-MWS-131 (62264-4)/D2C-MWS-506 (62264-15), G4C-MWS-145 (62287-4)/G4C-MWS-507 (62287-5), and C3C-MWS-171 (62404-8)/C3C-MWS-508 (62404-9) met acceptance criteria with the following exception. The relative percent difference (RPD) for PCB-1254 (54.0%) in field duplicate samples C5S-MWS-039 (61895-1)/C5S-MWS-500 (61895-2) was above acceptance criteria (<50%). The PCB-1254 results in samples C5S-MWS-039 (61895-1) and C5S-MWS-500 (61895-2) will be estimated (J) due to high field duplicate RPD. No other samples will be qualified since field duplicate precision in the other eight field duplicate pairs met acceptance criteria.

The RPD between the column results for all detected PCBs met acceptance criteria (≤25%) with the following exceptions:

LAB ID	SAMPLE ID	PCB	RPD	QUALIFIER
61786-2	K3S-MWS-005	1254	34.2	J
61786-4	J2S-MWS-007	1254	30.7	J
61786-5	G5S-MWS-008	1254	33.0	J
61786-6	G3S-MWS-009	1254	26.6	J
61829-2	G4S-MWS-011	1254	25.3	J
61855-2	K4S-MWS-016	1254	30.4	J
61855-3	K2S-MWS-017	1254	35.3	J
61855-7	JWS-MWS-021	1254	32.8	J

MIT PCB METAL WIPE SAMPLES - PROJECT SUMMARY

Analytics Environmental Laboratory Job Numbers: 61758, 61786, 61829, 61855, 61895, 61919, 62008, 62033, 62132, 62161, 62218, 62231, 62264, 62287, 62300, 62305, 62357, and 62404

LAB ID	SAMPLE ID	PCB	RPD	QUALIFIER
61855-8	K5S-MWS-014	1254	27.5	J
61855-9	H1S-MWS-022	1254	33.1	J
61855-11	G2S-MWS-024	1254	32.4	J
61855-13	F2S-MWS-026	1254	26.2	J
61855-17	F5S-MWS-028	1254	38.8	J
61855-18	F3S-MWS-029	1254	26.0	J
61855-19	F6S-MWS-030	1254	26.5	J
61855-20	F4S-MWS-031	1254	35.1	J
61855-23	H6S-MWS-037	1254	29.0	J
61855-24	J6S-MW3-035	1254	26.0	J
61895-3	C3S-MWS-040	1254	25.6	J
61919-10	B4S-MWS-046	1254	26.3	J
61919-29	HWS-MWS-068	1254	34.5	J
61919-31	F5S-MWS-070	1254	26.9	J
61919-33	F2S-MWS-072	1254	29.9	J
61919-34	FWS-MWS-073	1254	29.2	J
62033-14	D6S-MWS-087	1254	30.1	J
62132-8	K3C-MWS-102	1254	26.1	J
62218-1	J1C-MWS-117	1254	36.2	J
62218-2	J3C-MWS-116	1254	44.2	J
62218-4	G2C-MWS-119	1254	30.0	J
62218-5	G3C-MWS-120	1254	34.8	J
62218-6	G4C-MWS-121	1254	36.3	J
62218-7	G5C-MWS-122	1254	32.0	J
62218-8	G6C-MWS-123	1254	45.7	J
62218-9	F3C-MWS-126	1254	47.2	J
62218-10	F4C-MWS-125	1254	50.8	J
62218-11	F5C-MWS-127	1254	53.7	J
62218-12	F6C-MWS-124	1254	41.2	J
62264-2	H2C-MWS-143	1254	25.3	J
62264-3	D1C-MWS-130	1254	33.5	J
62264-4	D2C-MWS-131	1254	31.1	J
62264-5	D3C-MWS-132	1254	31.9	J
62264-6	D4C-MWS-133	1254	25.6	J
62264-8	D6C-MWS-135	1254	37.1	J
62264-10	E2C-MWS-137	1254	26.0	J
62264-11	E3C-MWS-138	1254	26.0	J
62264-12	E4C-MWS-139	1254	27.8	J
62264-15	D2C-MWS-506	1254	40.8	J
62287-1	F1C-MWS-142	1254	37.1	J
62287-2	F6C-MWS-143	1254	35.0	J
62287-3	G3C-MWS-144	1254	25.7	J
62287-4	G4C-MWS-145	1254	32.7	J
62287-6	G6C-MWS-146	1254	39.8	J
62604-11	C5C-MWS-173	1254	32.9	J
62604-12	C6C-MWS-174	1254	25.5	J

Several samples were analyzed at a dilution due to the high concentration of PCBs present in the sample. Elevated quantitation limits are reported in these samples as a result of the dilutions performed.

MIT PCB METAL WIPE SAMPLES - PROJECT SUMMARY

Analytics Environmental Laboratory Job Numbers: 61758, 61786, 61829, 61855, 61895, 61919, 62008, 62033, 62132, 62161, 62218, 62231, 62264, 62287, 62300, 62305, 62357, and 62404

For samples J3C-MWS-116 (62218-2), G6C-MWS-123 (62218-8), F3C-MWS-126 (62218-9), F4C-MWS-125 (62218-10), and F5C-MWS-127 (62218-11) the results were reported from the column with the lower concentration since the other column had interferences present.

Data Check, Inc.
P.O. Box 29
81 Meaderboro Road
New Durham, NH 03855

Gloria J. Switalski:
President

Date: 11/23/08

MIT PCB SOIL AND ASPHALT SAMPLES - PROJECT SUMMARY

Analytics Environmental Laboratory Job Numbers: 63513

A modified Tier II validation was performed on the data. The criteria detailed below were used to qualify the data. Raw data were not used to verify the results reported by the laboratory.

Samples were received at 2 degrees Celsius. No qualifications will be applied.

PCBs:

All polychlorinated biphenyl compound (PCB) samples were extracted and analyzed within technical holding times. No qualifications will be applied.

All PCB surrogates met acceptance criteria. No qualifications will be applied.

The PCB method blanks were non-detect (ND) for all target analytes. No qualifications will be applied.

No PCB field blank samples were submitted with this analytical package. No qualifications will be applied.

The PCB matrix spike/matrix spike duplicate (MS/MSD) performed on sample HJKS-CAS-028 (63513-8) was not useable since the native sample, the MS, and the MSD were analyzed at 10-fold dilutions. No qualifications will be applied.

The PCB laboratory control samples (LCS)/laboratory control sample duplicate (LCSD) met acceptance criteria No qualifications will be applied.

No PCB field duplicate samples were submitted with this analytical package. No qualifications will be applied.

The relative percent difference (RPD) between the column results for all detected PCBs met acceptance criteria (≤25%). No qualifications will be applied.

All asphalt samples were analyzed at a 10-fold dilution due to the sample matrix. Elevated quantitation limits are reported in these samples as a result of the dilutions performed.

Data Check, Inc.
P.O. Box 29
81 Meaderboro Road
New Durham, NH 03855

Gloria J. Switalski:
President

Date: 04/20/09

WESTGATE PCB BALCONY VERIFICATION SAMPLES - PROJECT SUMMARY

Analytics Environmental Laboratory Job Numbers: 62519, 62624, 62635, 62663, and 62720

A modified Tier II validation was performed on the data. The criteria detailed below were used to qualify the data. Raw data were not used to verify the results reported by the laboratory.

Samples were received at 0.4, 1.9, 2.4, 3.7, and 4.0 degrees Celsius. Although some temperatures were less than 2.0 degrees Celsius, the samples were not frozen and no qualifications will be applied.

PCBs:

All polychlorinated biphenyl compound (PCB) samples were extracted and analyzed within technical holding time. No qualifications will be applied.

All PCB surrogates met acceptance criteria (40%-130%) or were diluted out with the following exceptions:

LAB ID	SAMPLE ID	TCX (%/%)	DCB (%/%)	QUALIFIER
62519-12	G1C-BCS-154	OK/470	OK/174	J-PCB-1260
62519-20	G5C-BCS-161	OK/OK	OK/293	None-only one out

TCX = tetrachloro-m-xylene DCB = decachlorobiphenyl

The PCB method blanks were non-detect (ND) for all target analytes. No qualifications will be applied.

The PCB field blank samples FGC-BCS-Q-004 (62519-21), FGC-BCS-Q-008 (62635-3), DEC-BCS-Q-009 (62663-3), HJKS-BCS-Q-006 (62720-7), and FGS-BCS-Q-007 (62720-27) were ND for all target analytes. No qualifications will be applied.

PCB matrix spike/matrix spike duplicate (MS/MSD) were performed on samples F4C-BCS-151 (62519-9), G3C-BCS-157 (62519-15), A1S-BCS-162 (62624-1), E2C-BCS-180 (62663-1), B1S-BCS-187 (62720-1), and G4S-BCS-210 (62720-26) met acceptance criteria (PCB-1016/65%-140%, PCB-1260/60%-130%) with the following exceptions:

LAB ID	SAMPLE ID	PCB-1016 (%) MS/MS/MSD/MSD	PCB-1260 (%) MS/MS/MSD/MSD	QUALIFIER
62519-9	F4C-BCS-151	OK/OK/OK/OK	-171/-131/-49/-25	None-high PCB-1260 in sample
62519-15	G3C-BCS-157	OK/OK/OK/OK	37/41/OK/OK	J-PCB-1260
62624-1	A1S-BCS-162	OK/OK/OK/OK	145/153/723/769	None-high PCB-1260 in sample
62663-1	E2C-BCS-180	OK/OK/OK/OK	-3/5/OK/OK	J-PCB-1260
62720-1	B1S-BCS-187	OK/OK/OK/OK	657/466/620/448	None-high PCB-1260 in sample
62720-26	G4S-BCS-210	63/55/OK/59	53/7/-29/-46	UJ-PCB-1016; None-PCB-1260-high amount in sample

The PCB laboratory control samples (LCS)/laboratory control sample duplicate (LCSD) met acceptance criteria. No qualifications will be applied.

PCB field duplicate samples F1C-BCS-144 (62519-1)/F1C-BCS-507 (62519-2), G5C-BCS-160 (62519-18)/G5C-BCS-508 (62519-19), C5C-BCS-165 (62624-4)/C5C-BCS-509 (62624-5), E2C-BCS-180 (62663-1)/E2C-BCS-509 (62663-2), and B5S-BCS-202 (62720-17)/B5S-BCS-510 (62720-18) met acceptance criteria. No qualifications will be applied.

The RPD between the column results for all detected PCBs met acceptance criteria (≤25%) with the following exceptions:

LAB ID	SAMPLE ID	PCB	RPD	QUALIFIER
62624-2	B2S-BCS-163	1254	35.8	J
62663-8	C4C-BCS-185	1260	32.7	J

WESTGATE PCB BALCONY VERIFICATION SAMPLES - PROJECT SUMMARY

Analytics Environmental Laboratory Job Numbers: 62519, 62624, 62635, 62663, and 62720

LAB ID	SAMPLE ID	PCB	RPD	QUALIFIER
62663-13	H2C-BCS-171	1254	25.1	J
62720-1	B1S-BCS-187	1254	33.3	J
62720-3	H1S-BCS-190	1254	31.1	J
62720-6	J4S-BCS-194	1254	32.2	J
62720-8	E1C-BCS-188	1254	27.1	J
62720-19	B6S-BCS-203	1254	29.9	J
62720-20	B4S-BCS-204	1254	35.9	J

Several samples were analyzed at dilutions due to the high concentration of PCBs present in the samples. Elevated quantitation limits are reported in these samples as a result of the dilutions performed.

Data Check, Inc.
P.O. Box 29
81 Meaderboro Road
New Durham, NH 03855

Gloria J. Switalski:
President

Date: 01/04/09

MIT W85 WESTGATE SITE – PCB WIPE PROJECT SUMMARY

Analytics Environmental Laboratory Job Numbers: 65231 and 65232

A modified Tier II validation was performed on the data. The criteria detailed below were used to qualify the data. Raw data were not used to verify the results reported by the laboratory.

Samples were received at 5 degrees Celsius. No qualifications will be applied.

PCBs:

All polychlorinated biphenyl compound (PCB) samples were extracted and analyzed within technical holding times. No qualifications will be applied.

All PCB surrogates met acceptance criteria. No qualifications will be applied.

The PCB method blanks were non-detect (ND) for all target analytes. No qualifications will be applied.

PCB field blank sample ABC-EWS-Q-003 (65232-14) was ND for all target analytes. No qualifications will be applied.

No PCB matrix spike/matrix spike duplicate (MS/MSD) were performed since these were wipe samples. No qualifications will be applied.

The PCB laboratory control samples (LCS) and/or laboratory control sample duplicates (LCSD) met acceptance criteria. No qualifications will be applied.

PCB field duplicate samples A2S-EWS-054 (65232-5) A2S-EWS-503 (65232-6) met acceptance criteria. No qualifications will be applied.

The relative percent difference (RPD) between the column results for all detected PCBs met acceptance criteria. No qualifications will be applied.

Several samples were analyzed at a dilution due to the high concentration of PCBs present in the sample. Elevated quantitation limits are reported in these samples as a result of the dilutions performed.

Data Check, Inc.
P.O. Box 29
81 Meaderboro Road
New Durham, NH 03855

Gloria J. Switalski:
President

Date: 11/16/2009

APPENDIX F: DEED NOTICE

NOTICE OF RESTRICTION

This Notice of Restriction is made as of this _____ day of _____, 2010 by the Massachusetts Institute of Technology ("MIT"), with a principal place of business at 77 Massachusetts Avenue in the City of Cambridge, Massachusetts, together with its successors and assigns.

W I T N E S S E T H

WHEREAS, MIT is the owner in fee simple of land, together with buildings and improvements thereon, located at the southeast corner of the intersection of Vassar Street and Audrey Street in the City of Cambridge, Middlesex County, Massachusetts, more fully described on Exhibit A which is attached hereto and made a part hereof (the "Property");

WHEREAS, portions of certain buildings located on the Property were found to contain polychlorinated biphenyls ("PCBs");

WHEREAS, one or more remedial response actions have been conducted on the Property in accordance with 40 CFR Part 761. Said response actions were conducted in response to the cleanup of buildings constructed with materials that contain and/or may have contained PCBs. Remedial actions completed have included removal and off-site disposal of PCB containing caulking, soils, and asphalt; decontamination of PCBs on masonry surfaces and metal window frames; and encapsulation of residual levels of PCBs on certain exterior masonry surfaces;

WHEREAS, PCBs at levels greater than 1 part per million remain on certain exterior masonry building surfaces on the Affected Areas at the Property described below, consisting of certain horizontal balconies, concrete underneath replaced caulking on window or expansion joints, and/or vertical building surfaces described in more detail below, with said areas being fully encapsulated;

WHEREAS, the locations at the Property where PCBs remain at levels greater than 1 part per million are more fully described on Exhibit B which is attached hereto and made a part hereof (the "Affected Areas");

WHEREAS, to prevent human exposure to and/or migration of said encapsulated PCBs at the Property to the environment, certain restrictions have been imposed on the Affected Areas at the Property, as set forth below;

WHEREAS, this notice has been provided, as required in Condition #15 of the United States Environmental Protection Agency's May 15, 2008 Westgate Housing Facility PCB Risk Based Cleanup and Disposal Approval under 40 CFR 761.61(c), 761.62, and 761.79(h) (the "EPA Approval") (a copy of which is stored at MIT and will be available from _____ or successor office), to inform all interested parties that PCBs are located under an encapsulating sealant/barrier on certain concrete exterior building surfaces on the Affected Areas, as more particularly described in Exhibit B;

WHEREAS, the United States Environmental Protection Agency's ("EPA") written approval of this notice is provided in Exhibit C which is attached hereto and made a part hereof;

WHEREAS, these exterior encapsulated surfaces shall not be disturbed in any manner, except as noted in the Long-Term Monitoring and Maintenance Implementation Plan dated March 1, 2010 ("MMIP"), a copy of which (and any amendments and/or affidavits described in this paragraph) [will be stored at MIT and will be available from _____ or successor office]; which is incorporated by reference herein. In addition, the exterior encapsulated surfaces are subject to the long-term monitoring and maintenance requirements described in the MMIP. The MMIP includes a description of the extent and levels of contamination at the Affected Areas following abatement; a description of the actions taken at the Affected Areas; and a description of the long-term monitoring and maintenance requirements on the Affected Areas. In the event that MIT believes an amendment to the MMIP is necessary, MIT may propose such an amendment to EPA for approval. Unless EPA disapproves the amendment by written notice received by MIT within thirty (30) days of receipt of the amendment by EPA, the amendment will take effect, following which MIT may execute an affidavit under the pains and penalties of perjury stating that MIT proposed an amendment to the MMIP in accordance with the terms of this Notice of Restriction and that the EPA failed to disapprove it within the thirty (30) day period in accordance herewith; such affidavit shall be conclusive and binding and may be relied on by third parties. MIT may, at its option, record any such affidavit. If EPA conditionally approves the amendment within thirty (30) days of receipt by EPA, MIT may either implement the amended MMIP as conditionally approved by EPA or propose a revised amended MMIP for EPA approval. A copy of the MMIP (and any related affidavits described in this paragraph) will be stored at MIT and will be available from _____ or successor office; and

WHEREAS, in the event that PCBs are removed from the Affected Areas to concentrations below 1 part per million, and/or the buildings containing the Affected Areas are demolished or otherwise removed from the Property, MIT may so notify EPA (the "MIT Notice"). Unless EPA disapproves the MIT Notice by written response to MIT received by MIT within ninety (90) days of receipt of MIT's notice by EPA, this Notice of Restriction shall terminate and have no further effect, following which MIT may execute an affidavit under the pains and penalties of perjury stating that MIT notified EPA of the removal of PCBs and/or demolition and/or removal of the buildings in accordance with the terms of this Notice and that the EPA failed to disapprove it within the ninety (90) day period in accordance herewith; such affidavit shall be conclusive and binding and may be relied on by third parties and MIT may record the same.

(remainder of page intentionally left blank)

NOW THEREFORE, Massachusetts Institute of Technology hereby authorizes and consents to the filing and recordation of this Notice of Restriction, said Notice of Restriction to become effective when executed and recorded.

IN WITNESS WHEREOF, I have executed this Notice of Restriction under seal this _____ day of _____, 2010.

Massachusetts Institute of Technology

By_____

Printed Name: _____

Title: _____

Duly Authorized

Witness_____

Witness_____

COMMONWEALTH OF MASSACHUSETTS

County of Middlesex, ss

On this ____ day of _____, 2010, before me, as the undersigned notary public, personally appeared _____, proved to me through satisfactory identification, which was based on the undersigned's personal knowledge of the identity of the principal or a Massachusetts driver's license, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he or she signed it voluntarily for its stated purpose as _____ of Massachusetts Institute of Technology.

_____

Notary Public

My commission expires:

EXHIBIT A

Description of the Property

The "Property" refers to a certain parcel of land situated in the City of Cambridge, Middlesex County, Commonwealth of Massachusetts, and shown on plan entitled "Plan of Land in Cambridge - Mass." dated December 24, 1962 by William S. Crocker Inc., Civil Engineers & Surveyors recorded with the Middlesex County South District Registry of Deeds as Plan No. 305 of 1963, more particularly bounded and described as follows:

BEGINNING at a point at the intersection of the easterly line of Audrey Street with the southerly line of Vassar Street;

THENCE running by-the southerly line of Vassar Street N 56° 08' 32" E, three hundred sixty and 63/100 feet to a point;

THENCE turning and running by other land of the Grantor by the following four courses; S 24° 3l'-34" E three hundred thirty and 93/100 feet, S 65° 28' 26" W, eighty-eight and 00/100 feet, S 24° 31' 34" E, thirty-seven and 00/100' feet, and S 65° 28' 26" W, two hundred ninety-one and 21/100 feet to a point on the easterly line of Audrey Street; and

THENCE turning and running by said easterly line of Audrey Street N 20° 12' 34" W, three hundred ten and 34/100 feet to the point of beginning.

Containing 120,885 square feet of land more or less.

Said premises are subject to a sewer easement ten feet wide shown on said plan as "Talbot St. Sewer Easement" granted by William E. Coffin and another to the City of Cambridge by deed dated November 6, 1880, recorded with Middlesex South District Deeds Book 1554, Page 375; to an agreement creating said Audrey Street between Kenneth L. Hayes and the Old Colony Trust Company dated August 15, 1927, recorded with said Deeds, Book 5257, Page 97 and to an agreement providing for the maintenance of said Audrey Street between Stimpson Investment Corporation, Massachusetts Institute of Technology and others dated August 8, 1935, recorded with said Deeds, Book 5961, Page 112.

EXHIBIT B

Description of the Affected Areas

The Property is located on the campus of the Massachusetts Institute of Technology ("MIT") and has upon it four buildings, which are "low-rise", three-story structures of masonry and steel construction known within MIT as W85-ABC, W85-DE, W85-FG, and W85-HJK, respectively, with the letter designations referring to specific entryways into the buildings (collectively, the "Low-Rise Buildings"). Building W85-ABC has a street address of 11-13-15 Audrey Street; Building W85-DE has a street address of 292-290 Vassar Street; Building W85-FG has a street address of 286-284 Vassar Street; and Building W85-HJK has a street address of 282-280-278 Vassar Street. All four of the Low-Rise Buildings are shown shaded in gray on Figure 1, Site Plan and Deed Notice Areas, a copy of which is attached to this Exhibit B and incorporated herein by reference and a copy of the same Figure 1 is also attached to the MMIP.

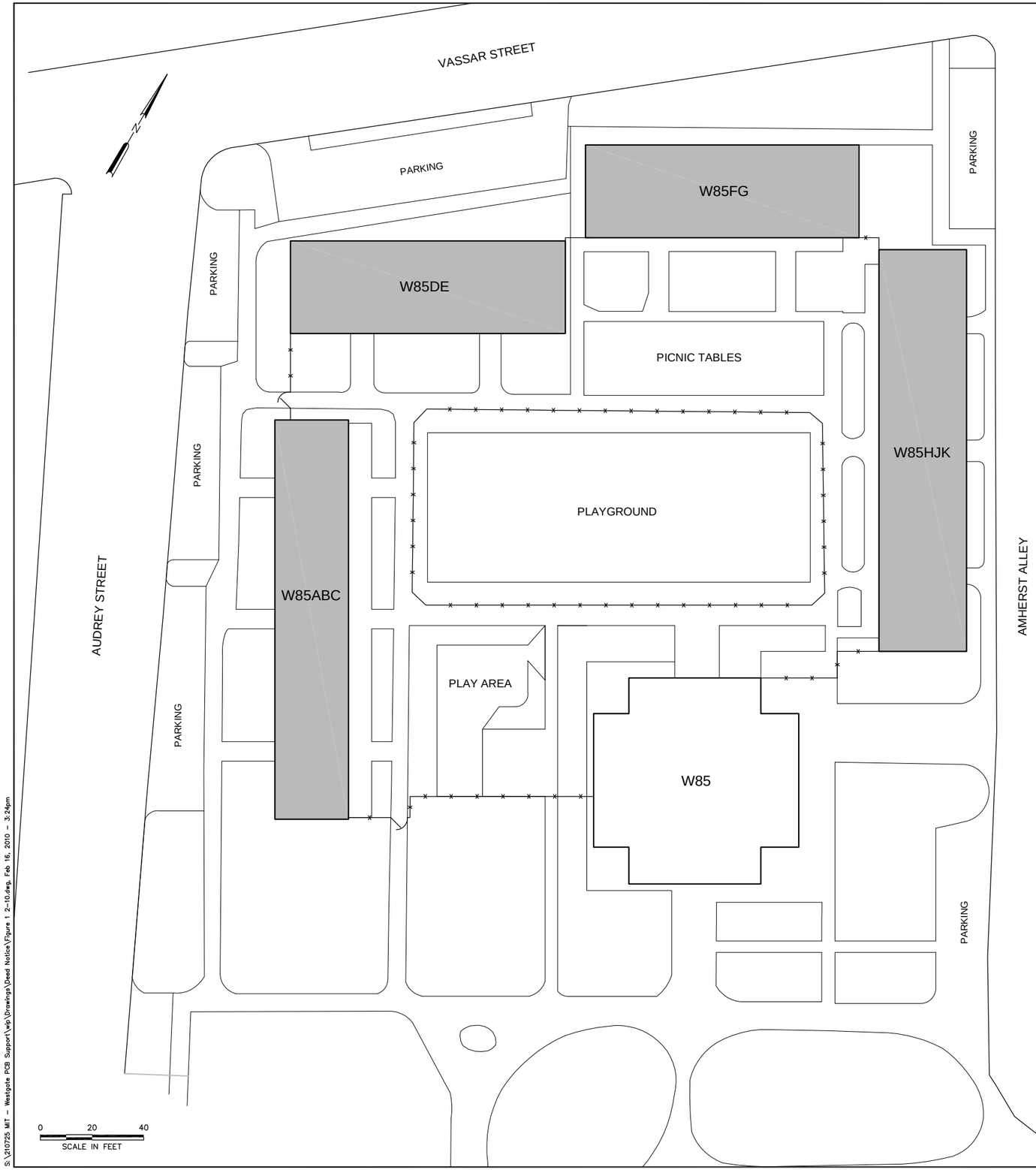
The portions of the Buildings located on the Property subject to restrictions as described in the Notice of Restriction and MMIP (the "Affected Areas") shall consist solely of those areas of the Buildings that have been encapsulated, as shown on Figure 2, Encapsulated Horizontal and Vertical Building Surfaces, a copy of which is attached to this Exhibit B and incorporated herein by reference and a copy of the same Figure 2 is also attached to the MMIP), which Affected Areas are as follows:

- vertical concrete surfaces located on the exterior of each side of each of the Buildings, as generally depicted on Figure 2;
- vertical brick surfaces, which are additionally covered by metal panels, located beneath the windows on the exterior of each side of each of the Buildings, as generally depicted on Figure 2;
- horizontal concrete pads at all of the exterior balconies at the following units within the Buildings as generally depicted on Figure 2 [prefixes to the unit numbers refer to the Building in which they are located; any units beginning with A, B or C are in Building W85-ABC; any beginning with D or E are in Building W85-DE; any beginning F or G are in Building W85-FG; and any beginning with H, J or K are in Building W85-HJK.]:
    - Street side – A1, A5, B1, B2, B4, B5, B6, C6, E2, F5, H1, J1, J3, and J4.
    - Courtyard side – A5, C5, C6, D2, D4, E1, E2, E3, E5, F1, F2, F3, F4, G1, G4, and G5.

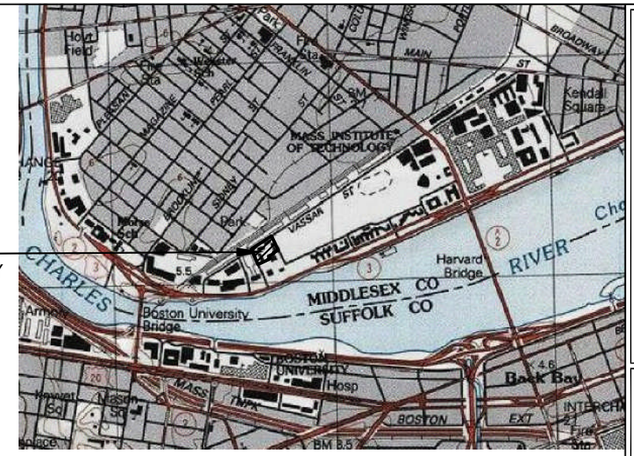
EXHIBIT C

EPA Approval of Notice of Restriction

A0737289.DOC;1



PORTION OF THE PROPERTY



LOCATION MAP
APPROX. SCALE: 1" = 1000'

NOTES:

1. PLAN ADAPTED FROM MIT CAMPUS MAP AND BUILDING PLANS.
2. SHADED BUILDINGS SHOWN ON SITE PLAN ARE THOSE LOCATED IN THE SUBJECT PORTION OF THE PROPERTY.

35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD & CURRAN

REV	DESCRIPTION	DATE
	DESIGNED BY:	CHECKED BY: JAH
	DRAWN BY: EVR	Figure 1 2-10.dwg

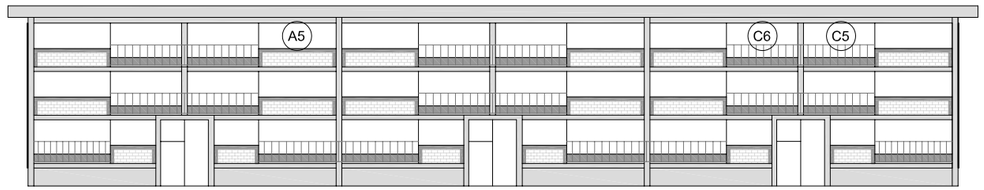
SITE PLAN AND DEED NOTICE AREAS

MIT W85 WESTGATE
CAMBRIDGE, MASSACHUSETTS

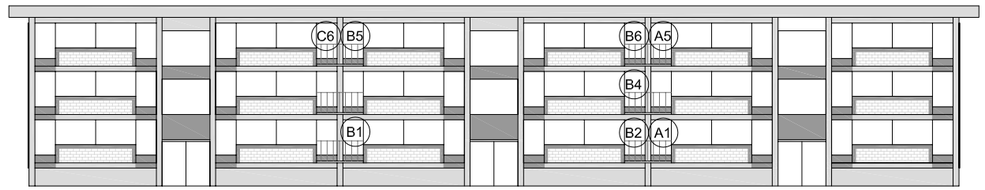
JOB NO.: 210725
DATE: FEBRUARY 2010
SCALE: AS NOTED
SHEET: OF

FIGURE 1

S:\210725 MIT - Westgate PCB Support\wip\Drawings\Deed Notice\Figure 1 2-10.dwg, Feb 16, 2010 - 3:24pm

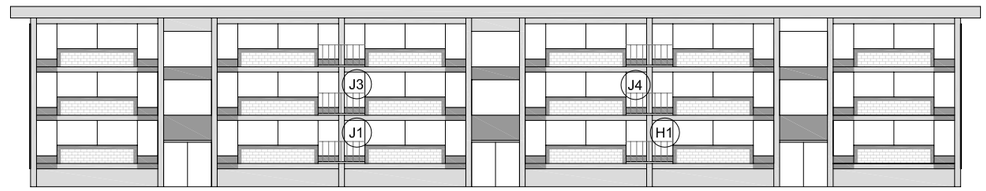


W85 ABC
COURTYARD SIDE

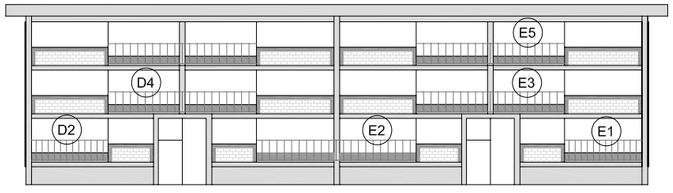


W85 ABC
STREET SIDE

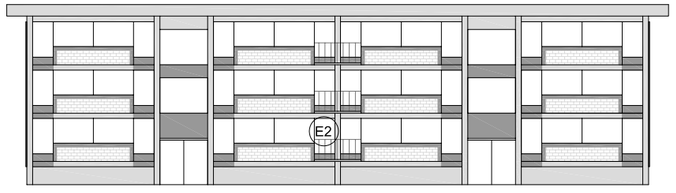
W85 HJK
COURTYARD SIDE



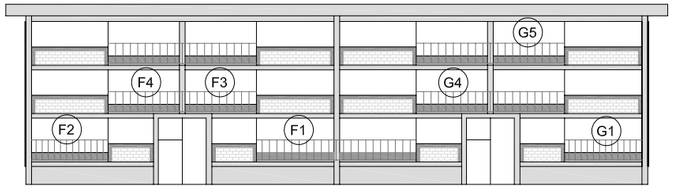
W85 HJK
STREET SIDE



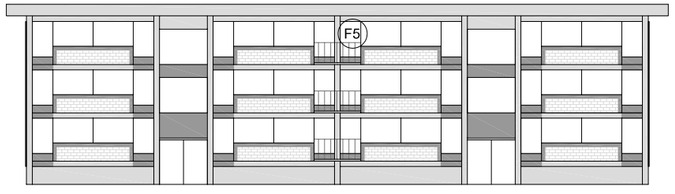
W85 DE
COURTYARD SIDE



W85 DE
STREET SIDE



W85 FG
COURTYARD SIDE



W85 FG
STREET SIDE

LEGEND

AFFECTED AREAS AS DESCRIBED IN NOTICE OF RESTRICTION ARE DENOTED AS FOLLOWS:

VERTICAL BUILDING SURFACE ENCAPSULATED WITH CONTAINMENT BARRIER

(A1) HORIZONTAL BALCONY SURFACE ENCAPSULATED WITH CONTAINMENT BARRIER (NOT INCLUDING METAL RAILINGS)

THE FOLLOWING CONCRETE PADS AT EXTERIOR BALCONIES HAVE BEEN ENCAPSULATED WITH A CONTAINMENT BARRIER:
- STREET SIDE: A1, A5, B1, B2, B4, B5, B6, C6, E2, F5, H1, J1, J3, AND J4
- COURTYARD SIDE: A5, C5, C6, D2, D4, E1, E2, E3, E5, F1, F2, F3, F4, G1, G4, AND G5.

ENCAPSULATED LOCATIONS ARE DENOTED BY THE UNIT NUMBER ENCIRCLED ABOVE THE BALCONY.

NOTE:

PLAN ADAPTED FROM MIT CAMPUS MAP AND BUILDING PLANS.

0 12 24
SCALE IN FEET

35 NEW ENGLAND BUSINESS CENTER
ANDOVER, MASSACHUSETTS 01810
866.702.6371 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD & CURRAN

REV	DESCRIPTION	DATE
DESIGNED BY:	EVR	CHECKED BY: JAH
DRAWN BY:	Figure 2_2-10.dwg	

ENCAPSULATED HORIZONTAL AND VERTICAL BUILDING SURFACES

MIT W85 WESTGATE
CAMBRIDGE, MASSACHUSETTS

JOB NO.: 210725
DATE: FEBRUARY 2010
SCALE: AS NOTED
SHEET: OF

FIGURE 2

S:\210725 MIT - Westgate PCB Support\ws\Drawings\Deed Notice\Figure 2_2-10.dwg, Feb 23, 2010 - 10:25am